

FIG. 1

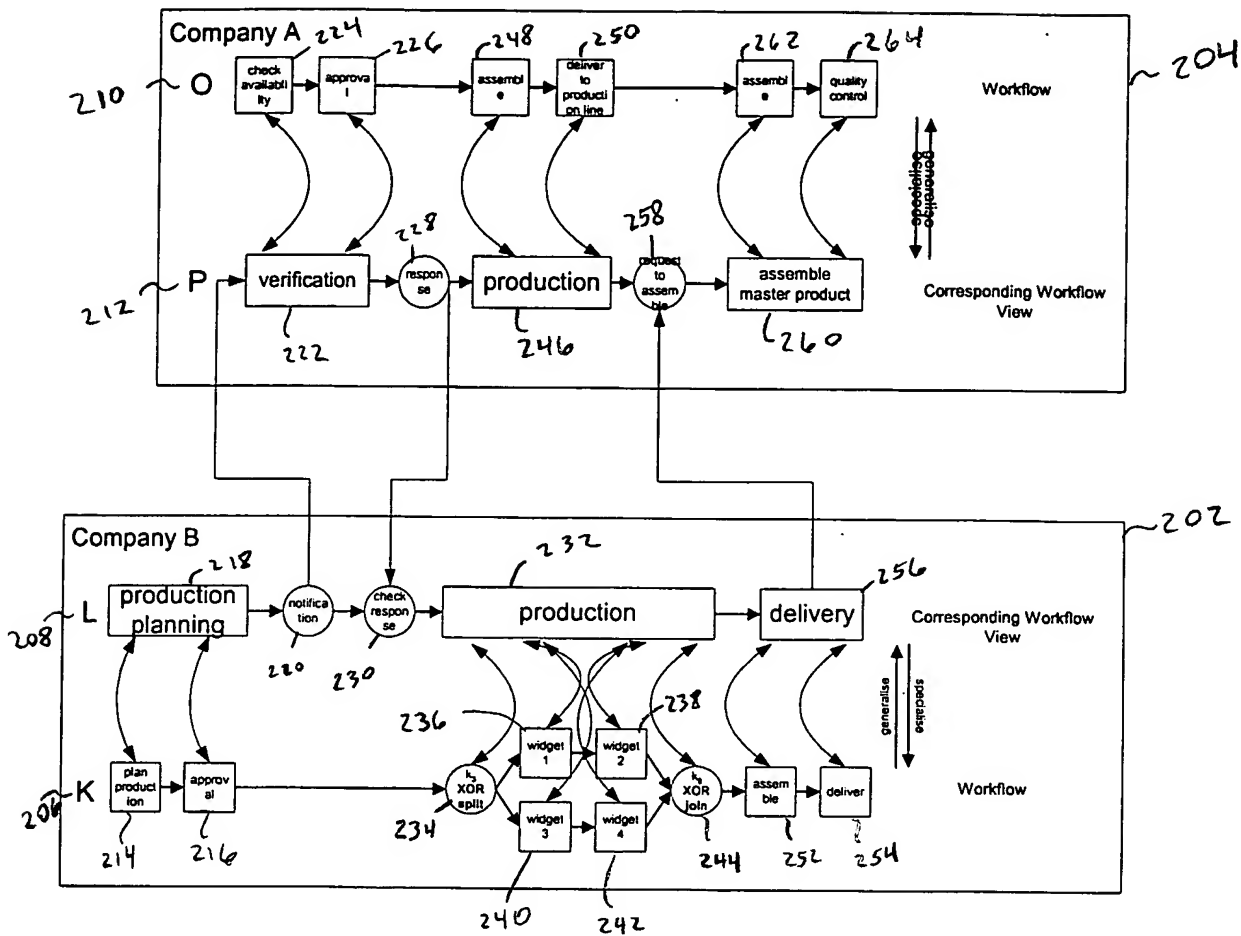
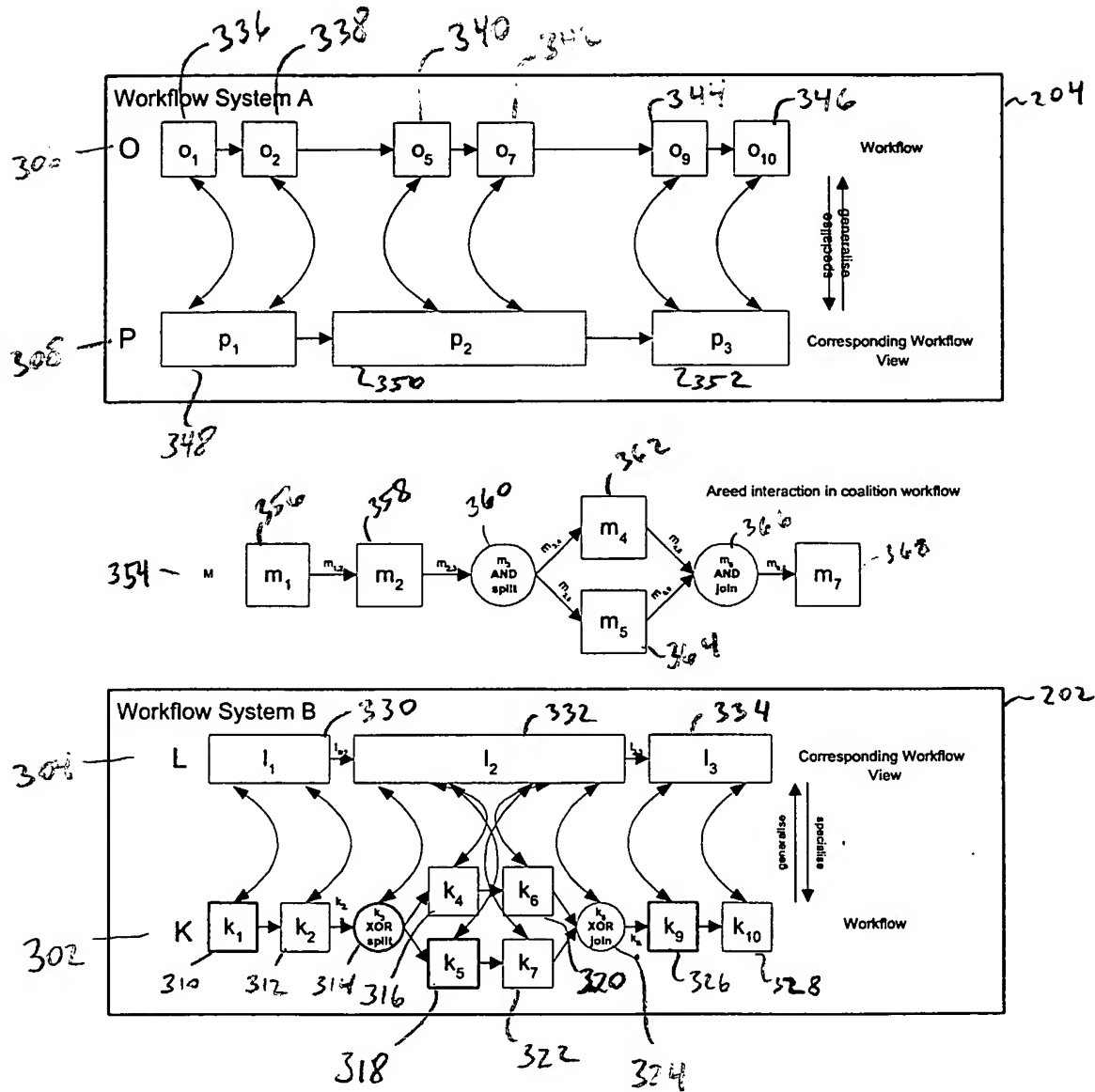
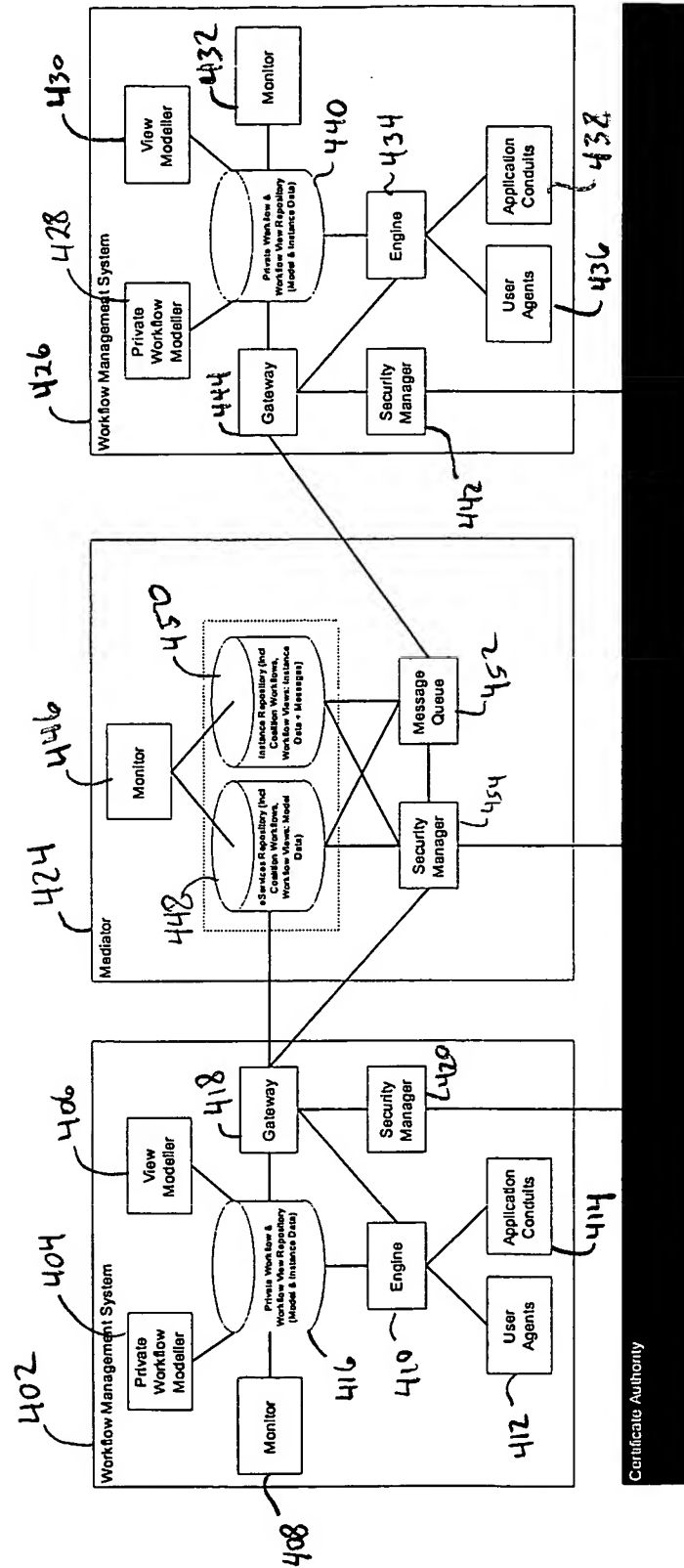


FIG. 2





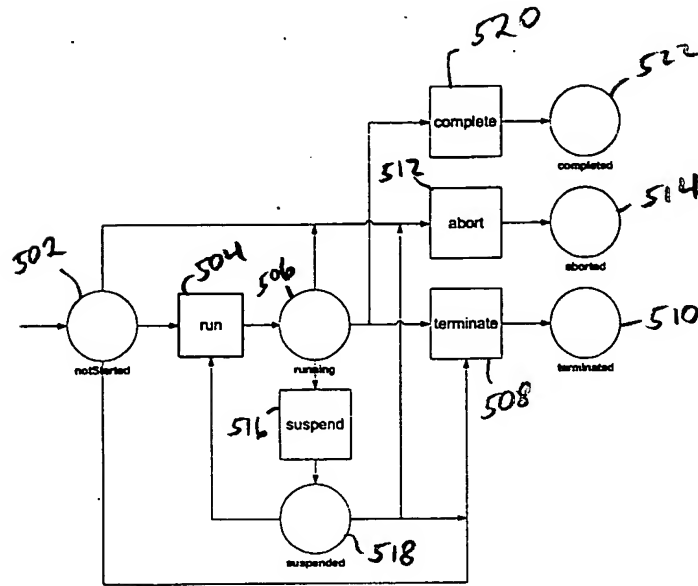


FIG. 5

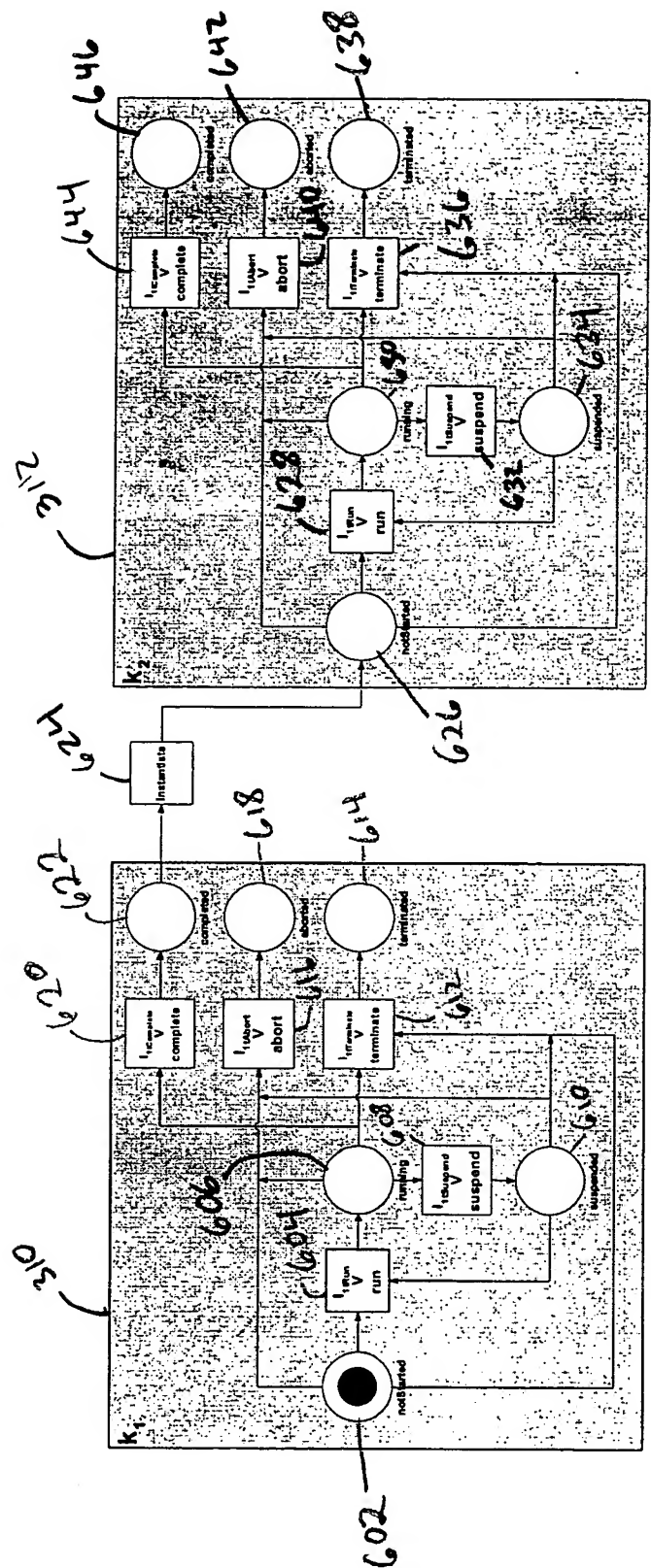


FIG. 6

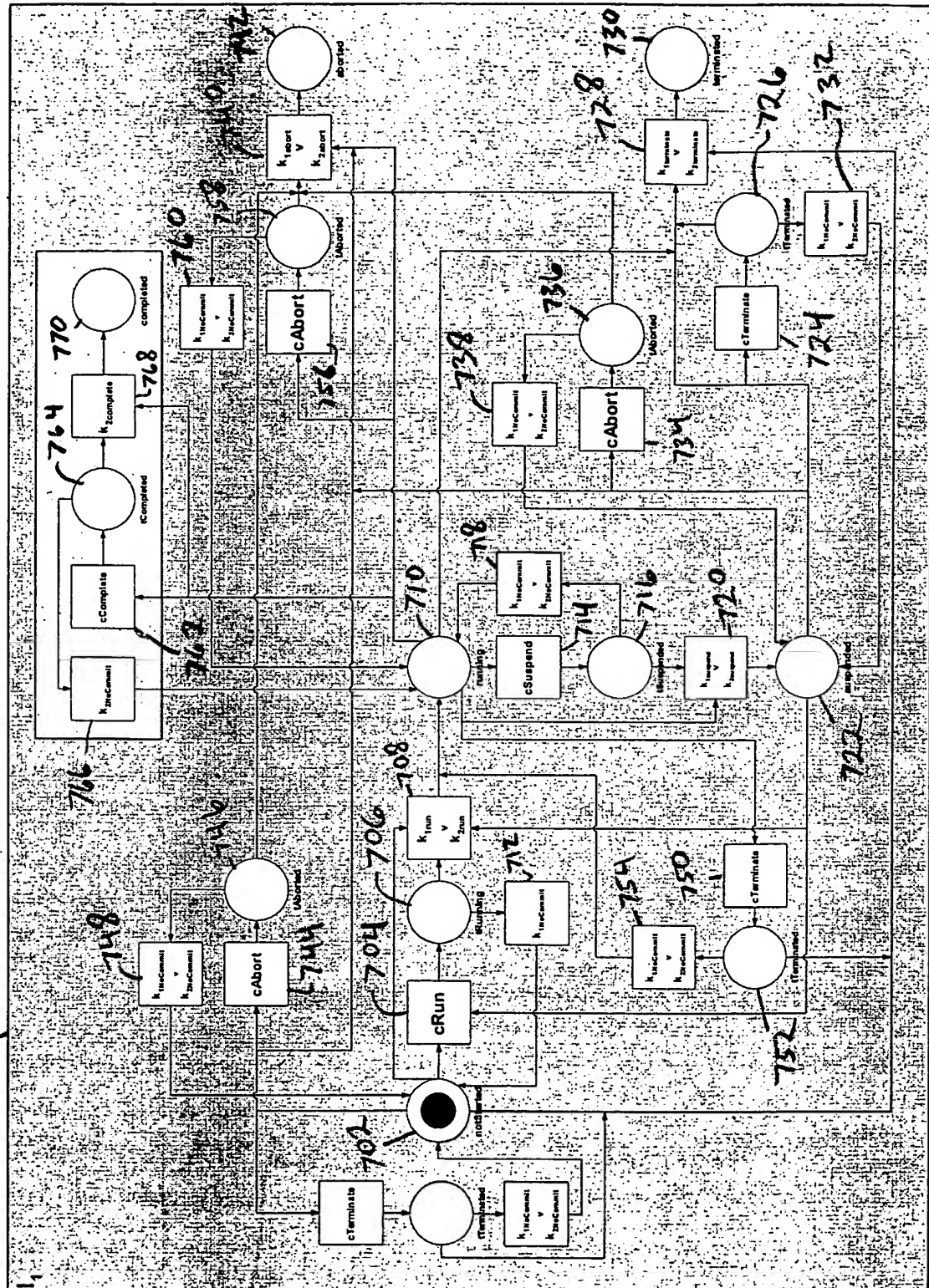


FIG. 7

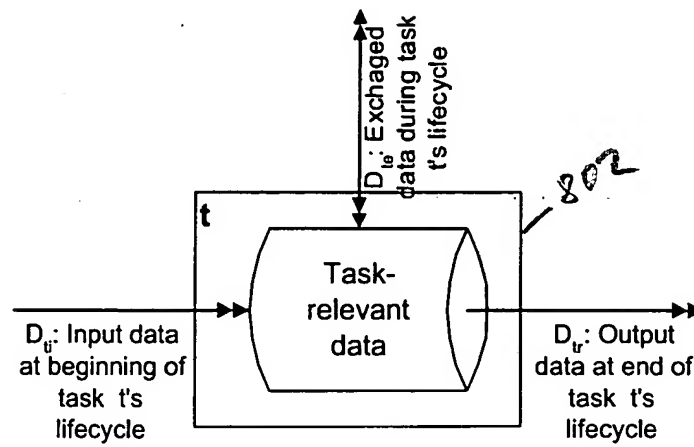


FIG. 8



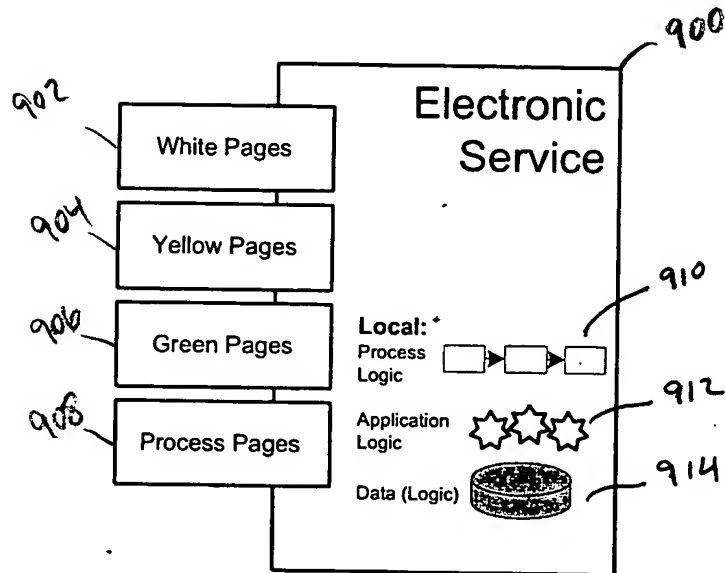


FIG. 9

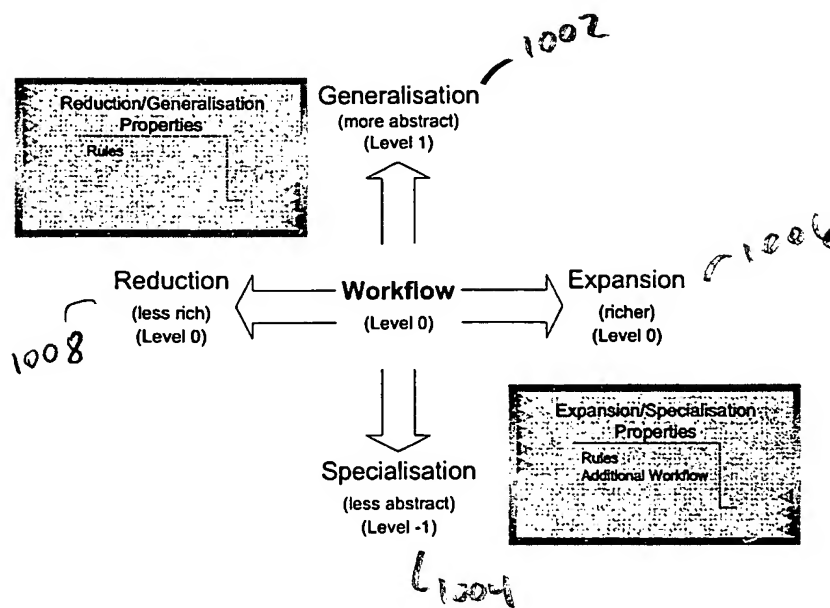


FIG 10

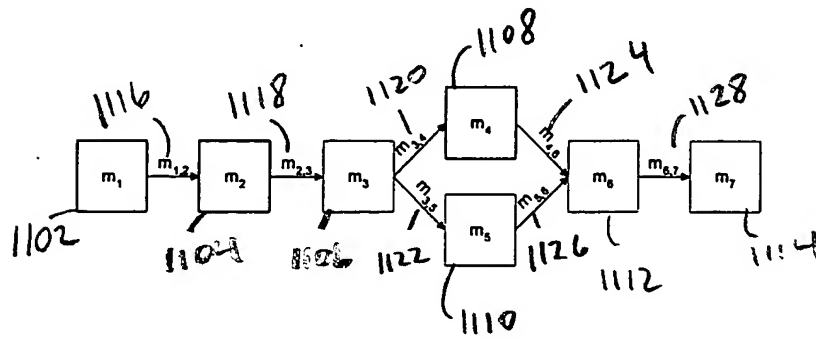


FIG. 11

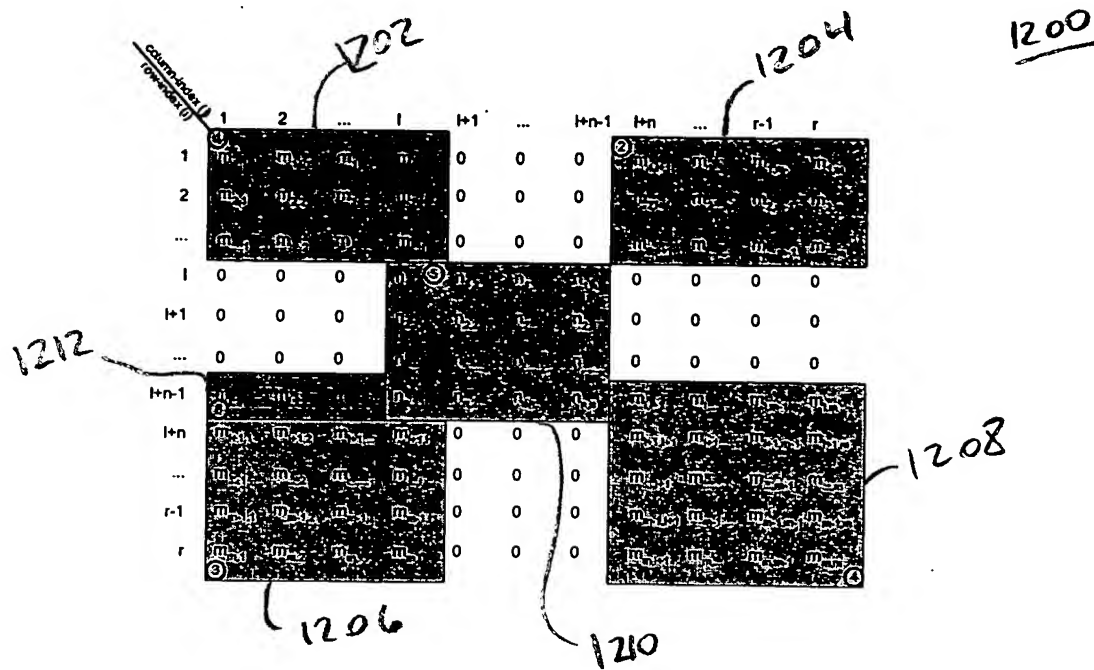


FIG. 12

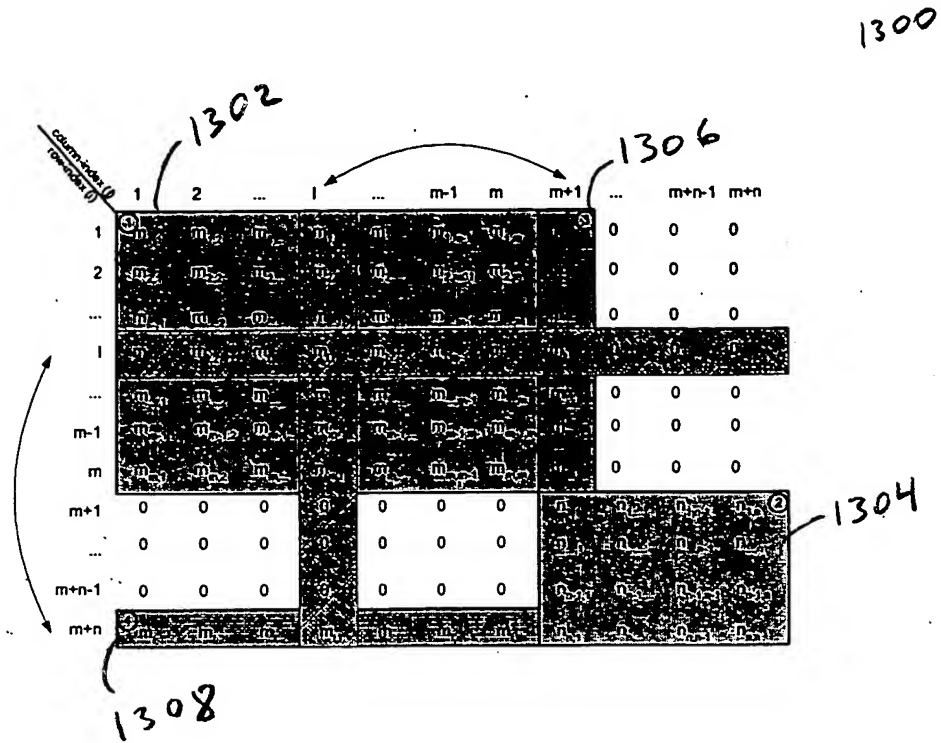


FIG. 13

Applicant(s): Karsten Schulz, et al.

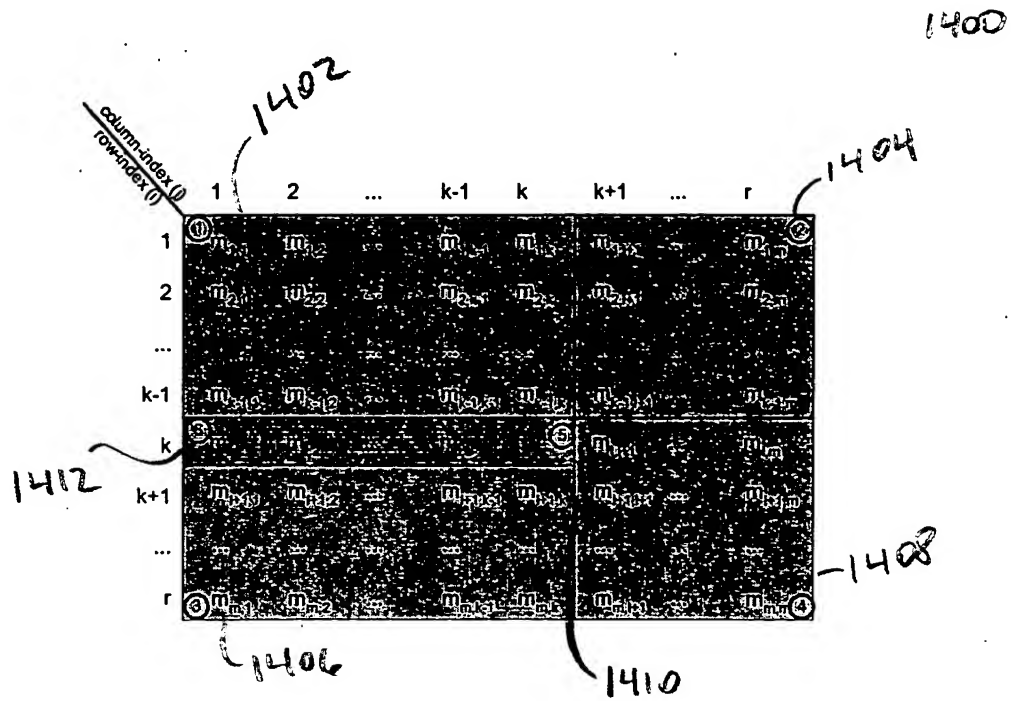
TRANSFORMATIONS BETWEEN PRIVATE AND SHARED  
WORKFLOWS

FIG. 14

Applicant(s): Karsten Schulz, et al.

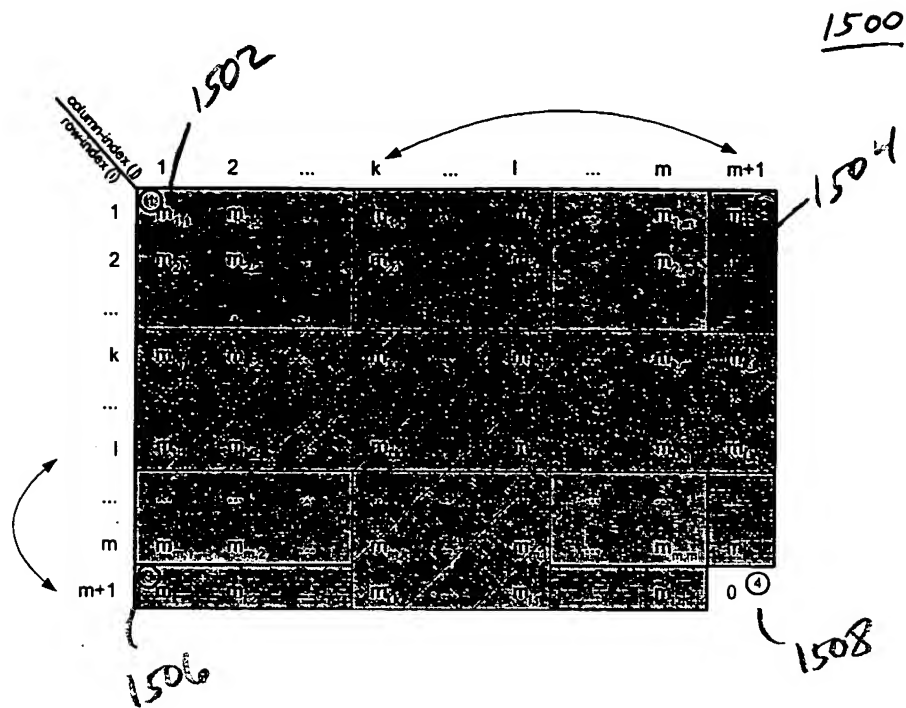
TRANSFORMATIONS BETWEEN PRIVATE AND SHARED  
WORKFLOWS

FIG. 15

Applicant(s): Karsten Schulz, et al.

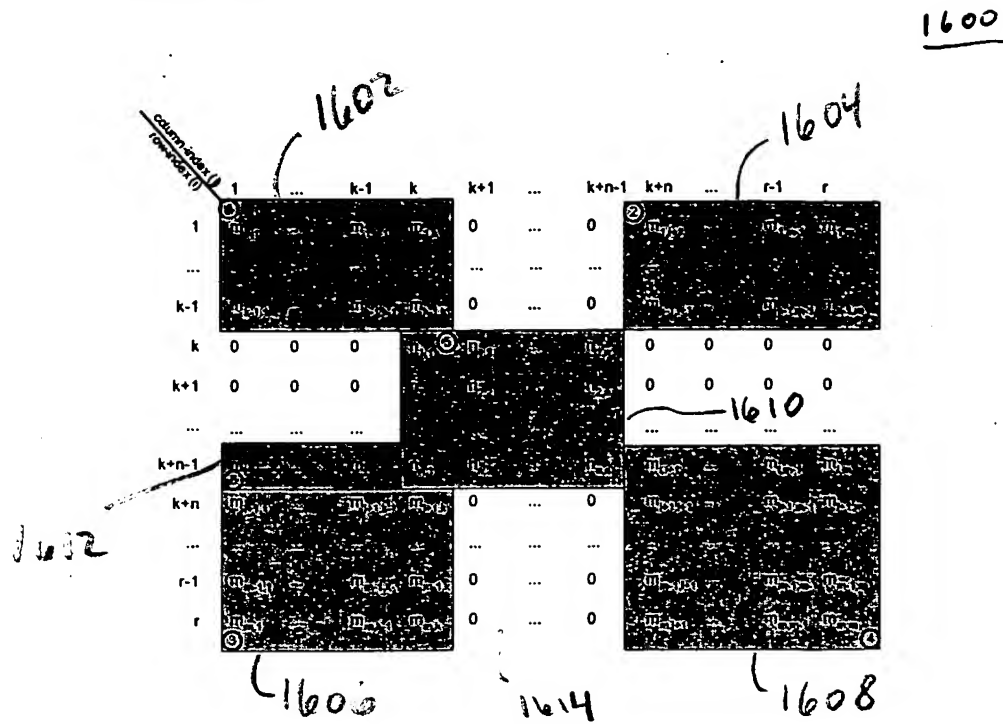
TRANSFORMATIONS BETWEEN PRIVATE AND SHARED  
WORKFLOWS

FIG. 16



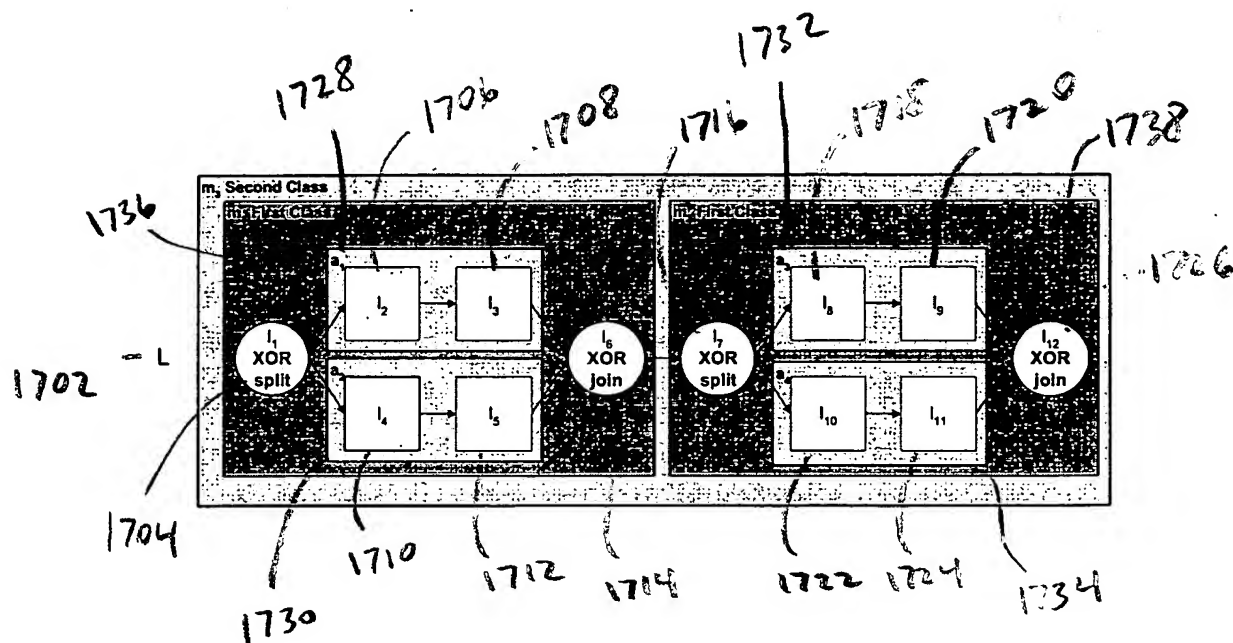


FIG. 17

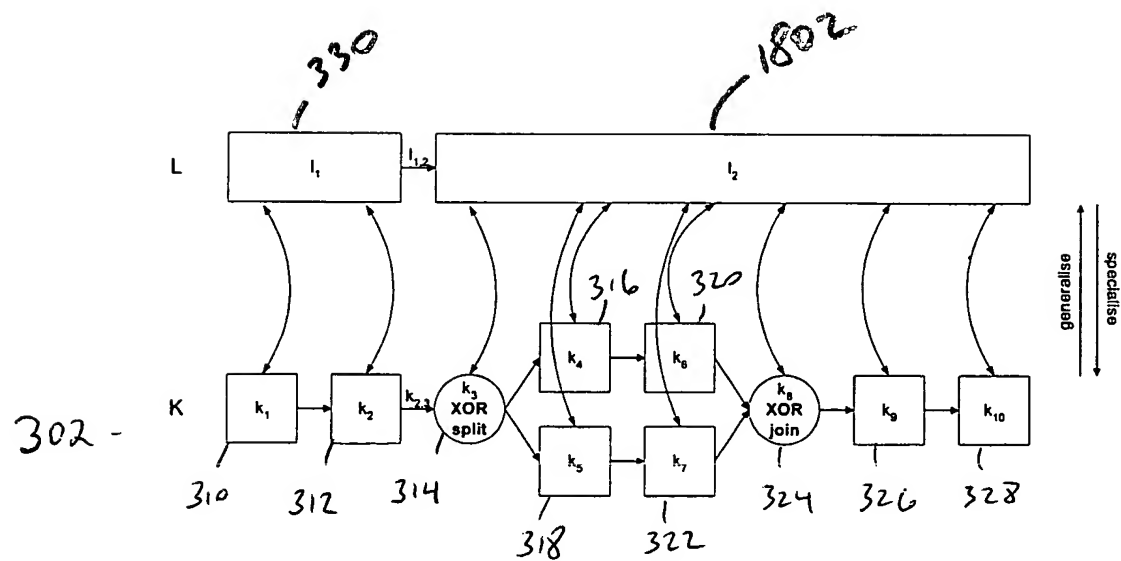


FIG. 18

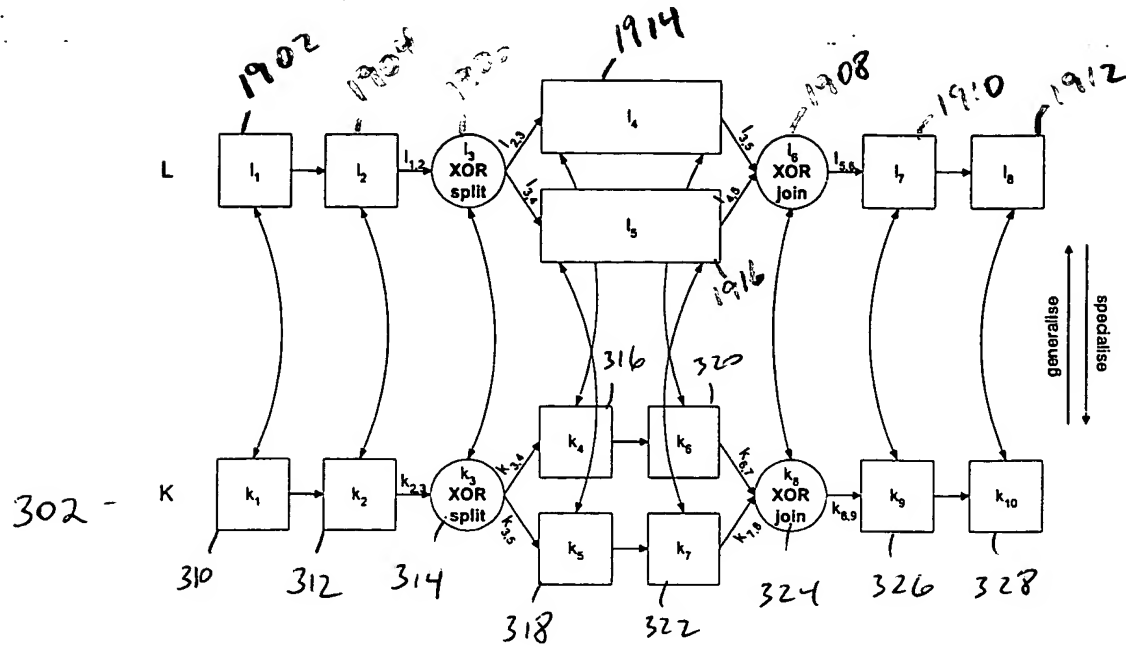


FIG. 19

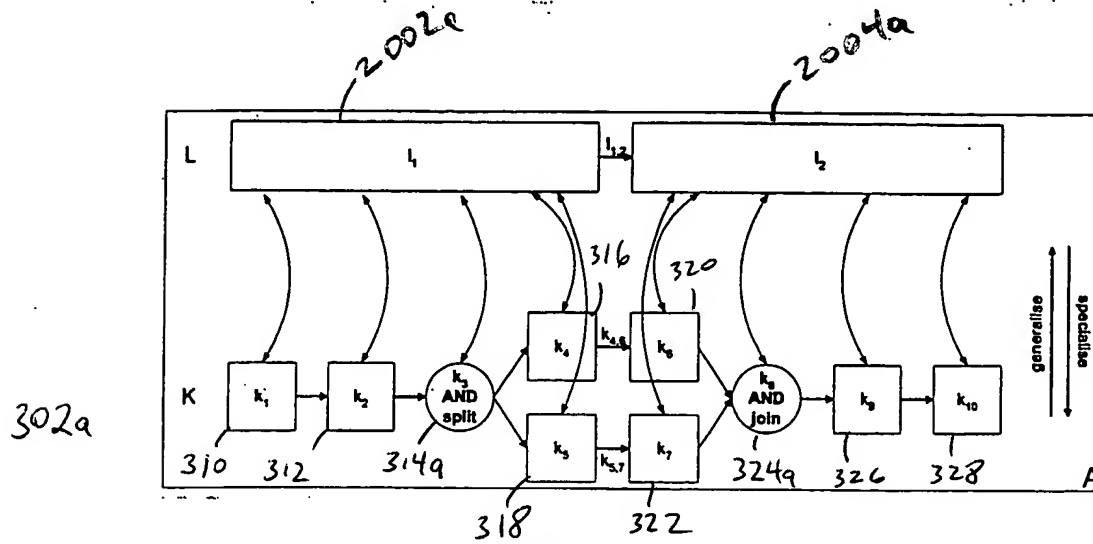


FIG. 20A

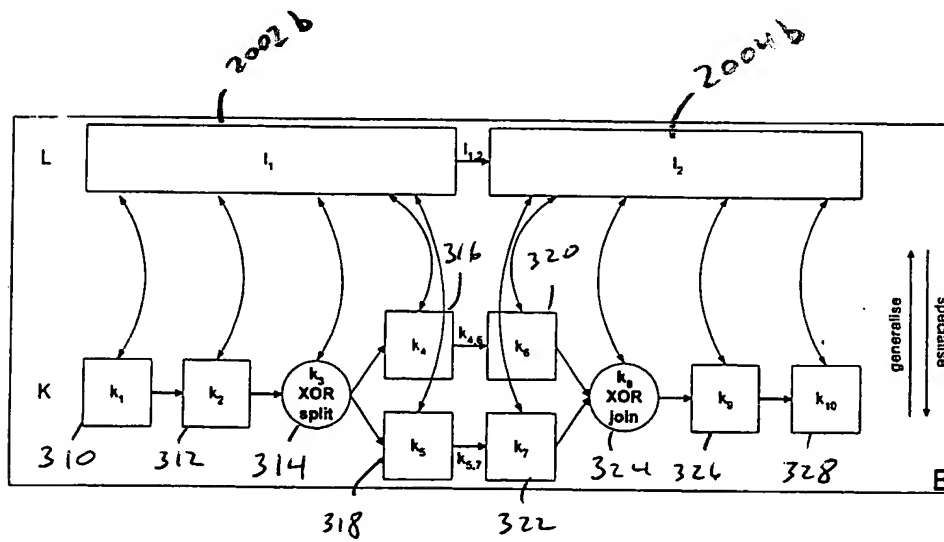


FIG. 20B

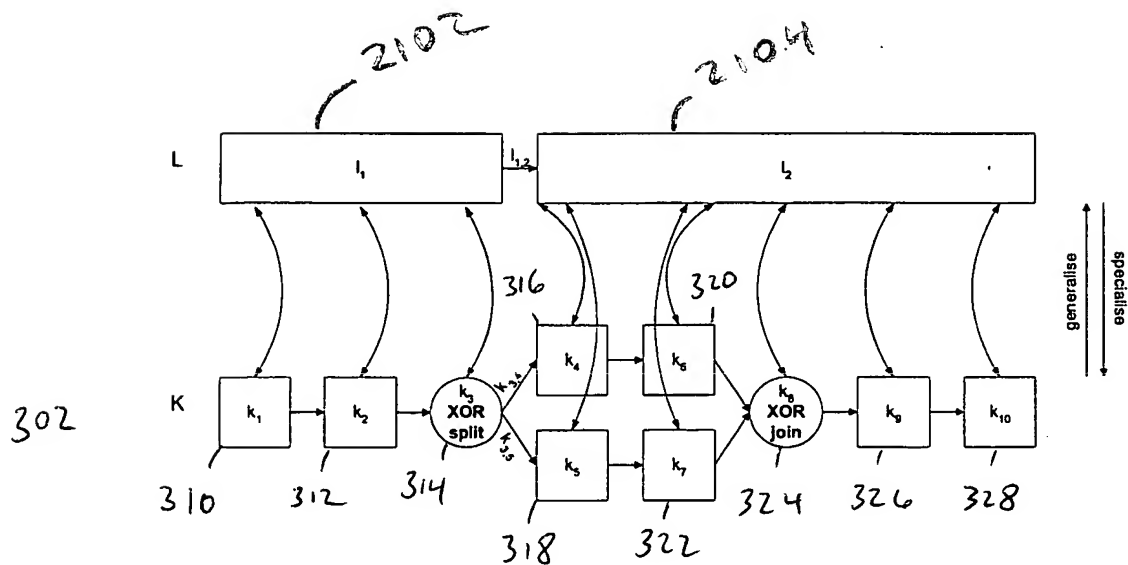


FIG. 21

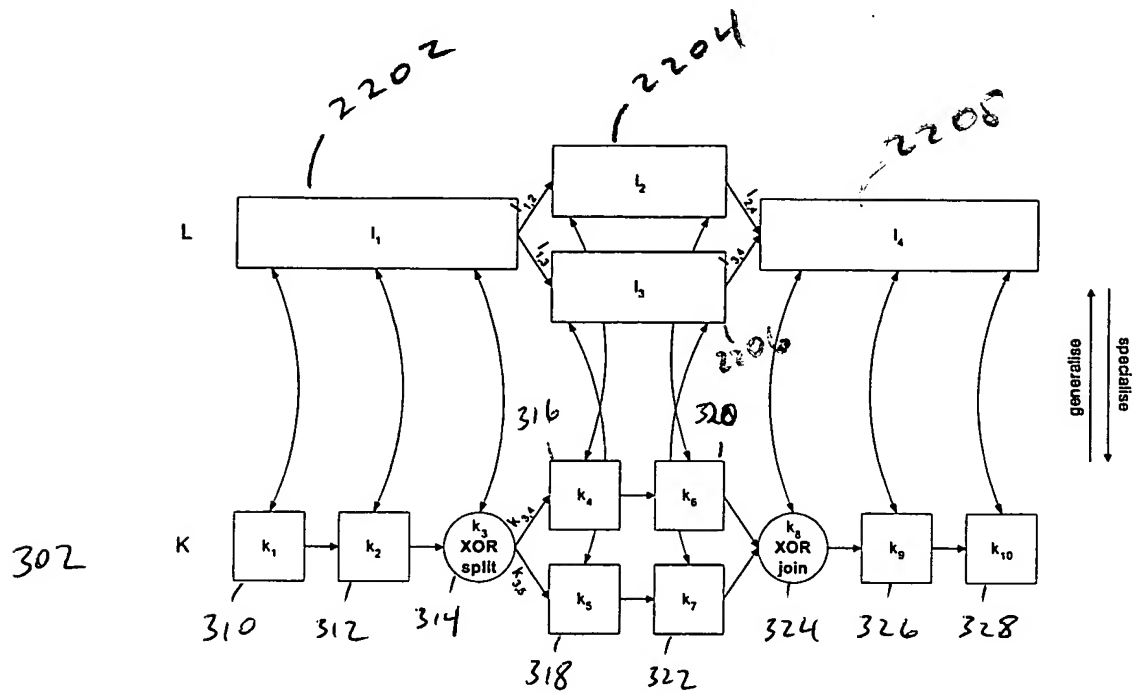


FIG. 22

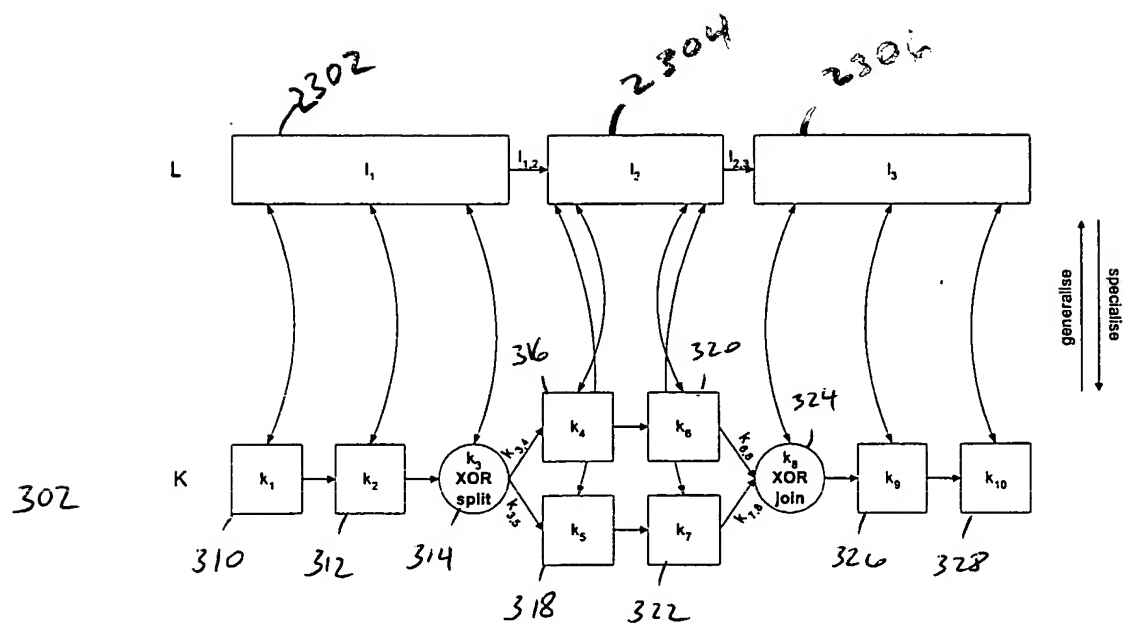


FIG. 23

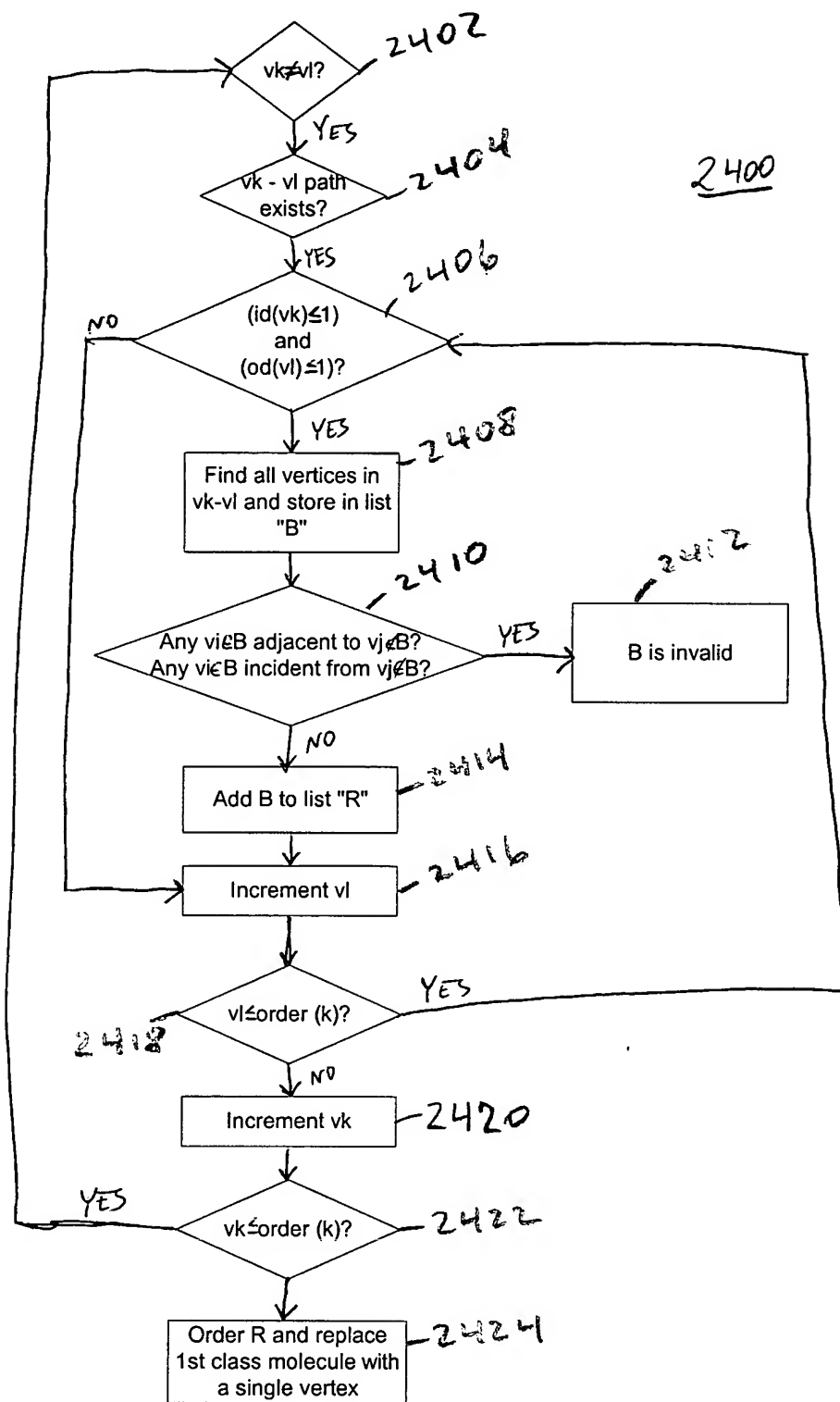


FIG. 24



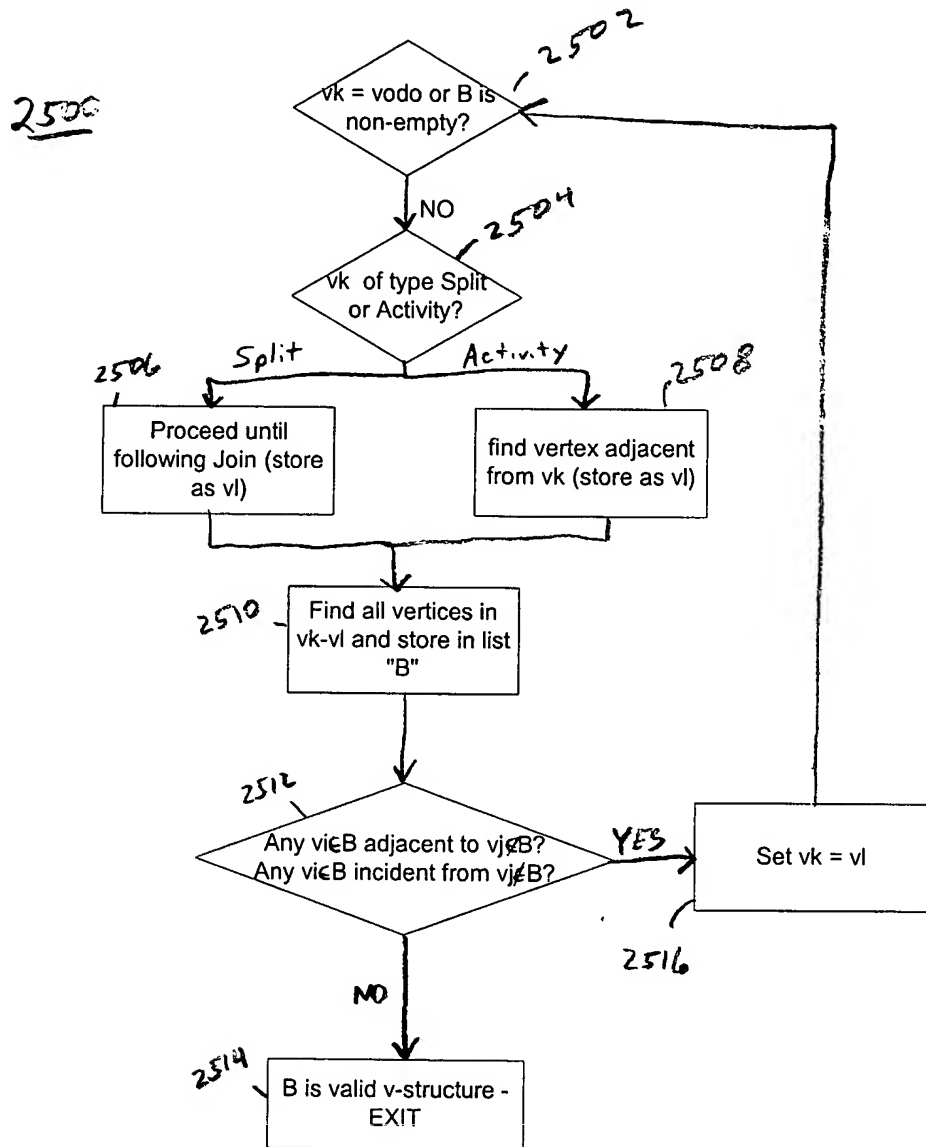


FIG. 25

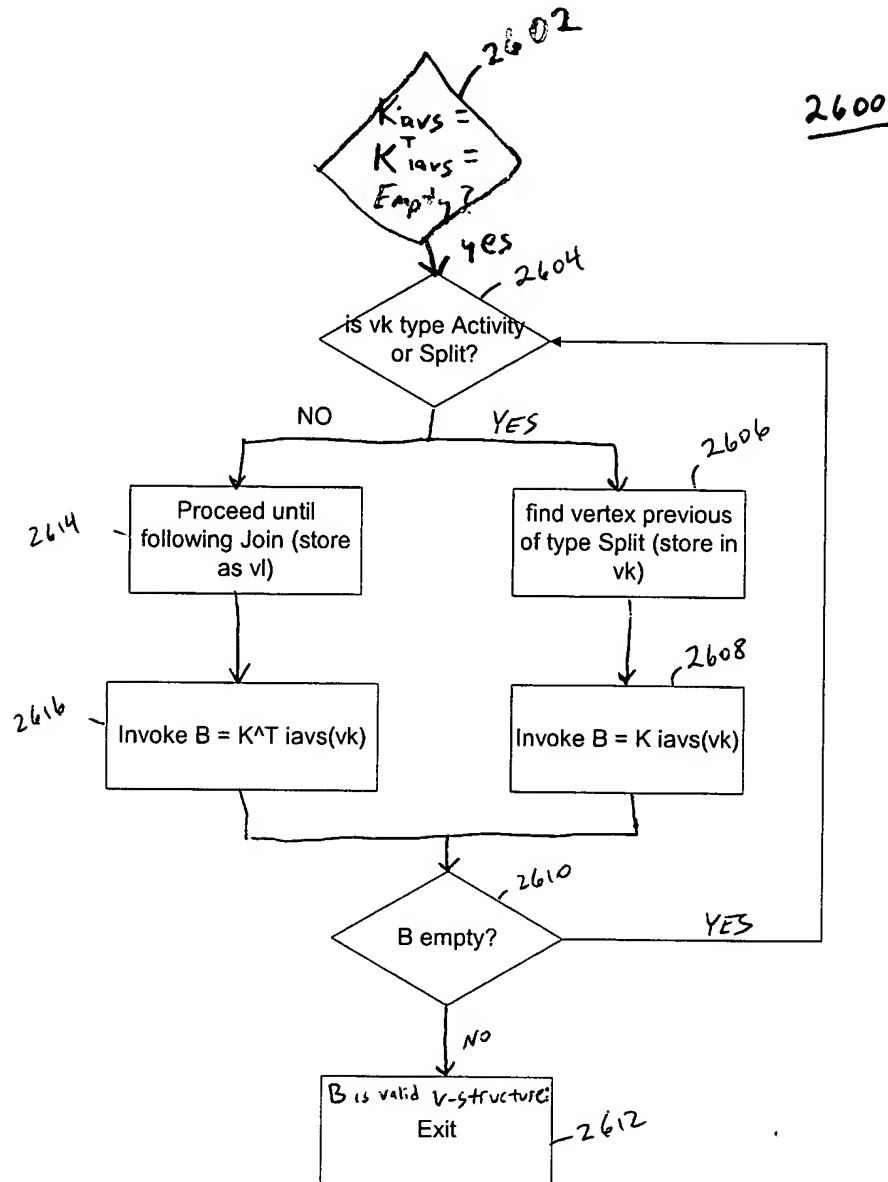


FIG. 26

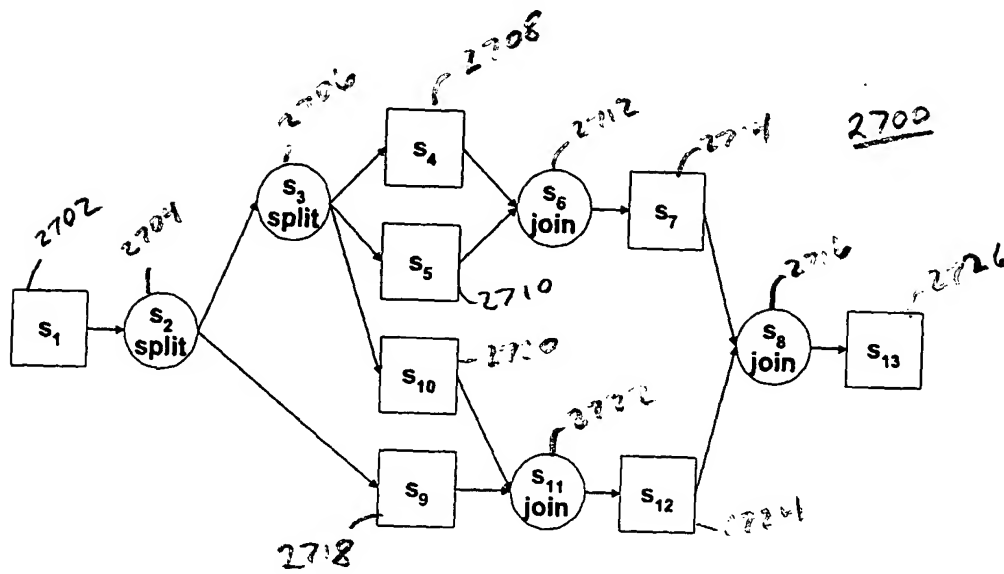


FIG. 27A

$v_k$	$S_{\text{Iavse}}(v_k)$
$s_1$	$\{s_1, s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
$s_2$	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
$s_3$	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
$s_4$	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
$s_5$	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
$s_6$	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
$s_7$	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
$s_8$	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
$s_9$	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
$s_{10}$	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
$s_{11}$	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
$s_{12}$	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
$s_{13}$	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}, s_{13}\}$

FIG. 27B

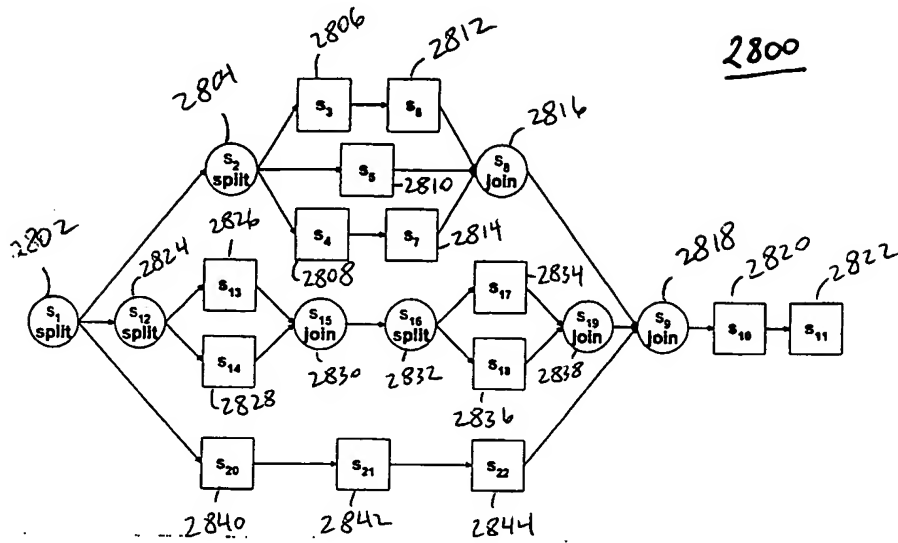


FIG. 28A

$v_k$	$S_{\text{iavs}_e}(v_k)$
$s_1$	$\{s_1, s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{12}, s_{13}, s_{14}, s_{15}, s_{16}, s_{17}, s_{18}, s_{19}, s_{20}, s_{21}, s_{22}\}$
$s_2$	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8\}$
$s_3$	$\{s_3, s_6\}$
$s_4$	$\{s_4, s_7\}$
$s_5$	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8\}$
$s_6$	$\{s_3, s_6\}$
$s_7$	$\{s_4, s_7\}$
$s_8$	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8\}$
$s_9$	$\{s_1, s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{12}, s_{13}, s_{14}, s_{15}, s_{16}, s_{17}, s_{18}, s_{19}, s_{20}, s_{21}, s_{22}\}$
$s_{10}$	$\{s_1, s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{12}, s_{13}, s_{14}, s_{15}, s_{16}, s_{17}, s_{18}, s_{19}, s_{20}, s_{21}, s_{22}\},$ $\{s_{10}, s_{11}\}$
$s_{11}$	$\{s_{10}, s_{11}\}$
$s_{12}$	$\{s_{12}, s_{13}, s_{14}, s_{15}\}$
$s_{13}$	$\{s_{12}, s_{13}, s_{14}, s_{15}\}$
$s_{14}$	$\{s_{12}, s_{13}, s_{14}, s_{15}\}$
$s_{15}$	$\{s_{12}, s_{13}, s_{14}, s_{15}\}$
$s_{16}$	$\{s_{16}, s_{17}, s_{18}, s_{19}\}$
$s_{17}$	$\{s_{16}, s_{17}, s_{18}, s_{19}\}$
$s_{18}$	$\{s_{16}, s_{17}, s_{18}, s_{19}\}$
$s_{19}$	$\{s_{16}, s_{17}, s_{18}, s_{19}\}$
$s_{20}$	$\{s_{20}, s_{21}\}$
$s_{21}$	$\{s_{20}, s_{21}\}, \{s_{21}, s_{22}\}$
$s_{22}$	$\{s_{21}, s_{22}\}$

FIG. 28B

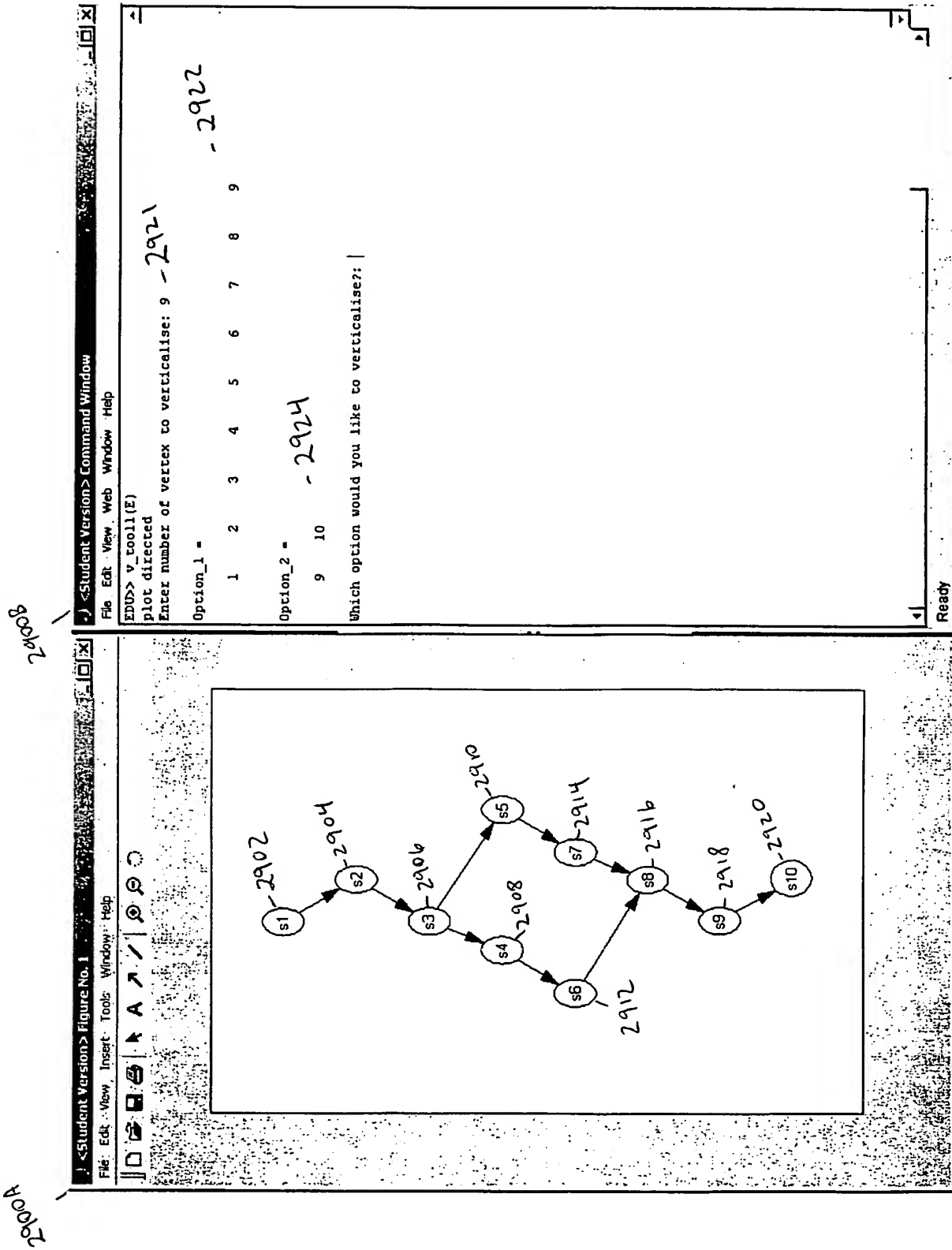


FIG. 29

2000

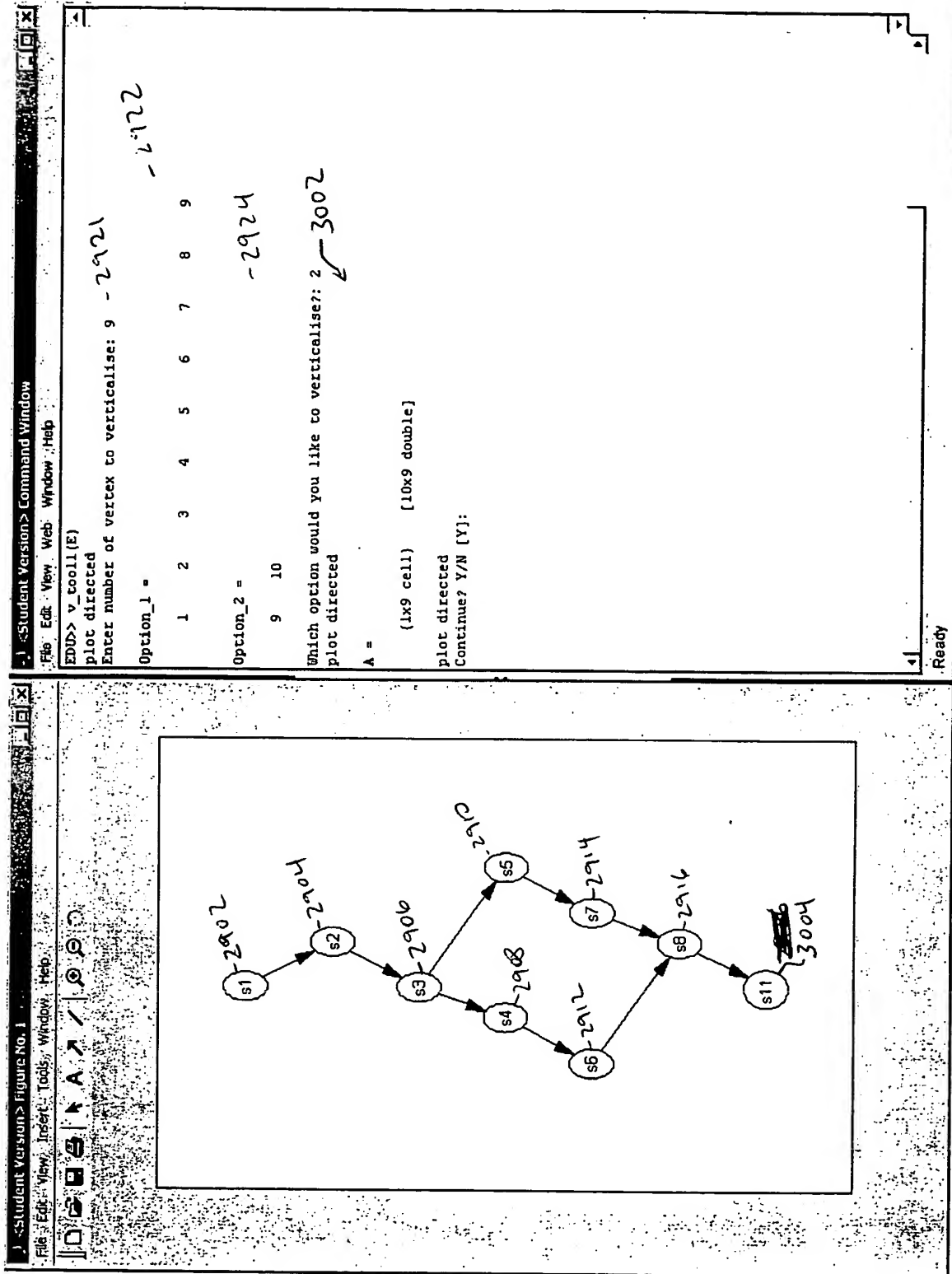


FIG. 30

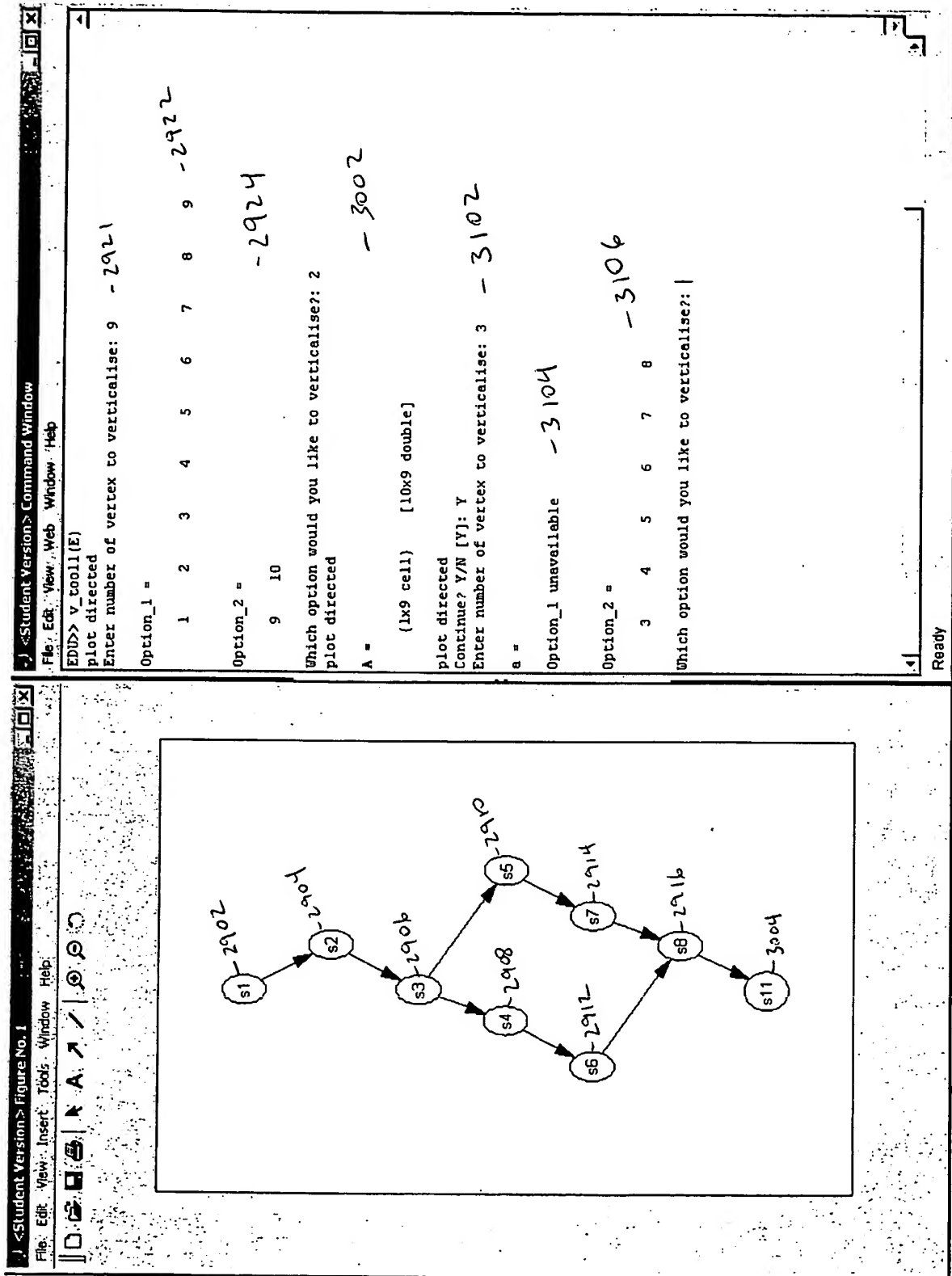


FIG. 31

3200

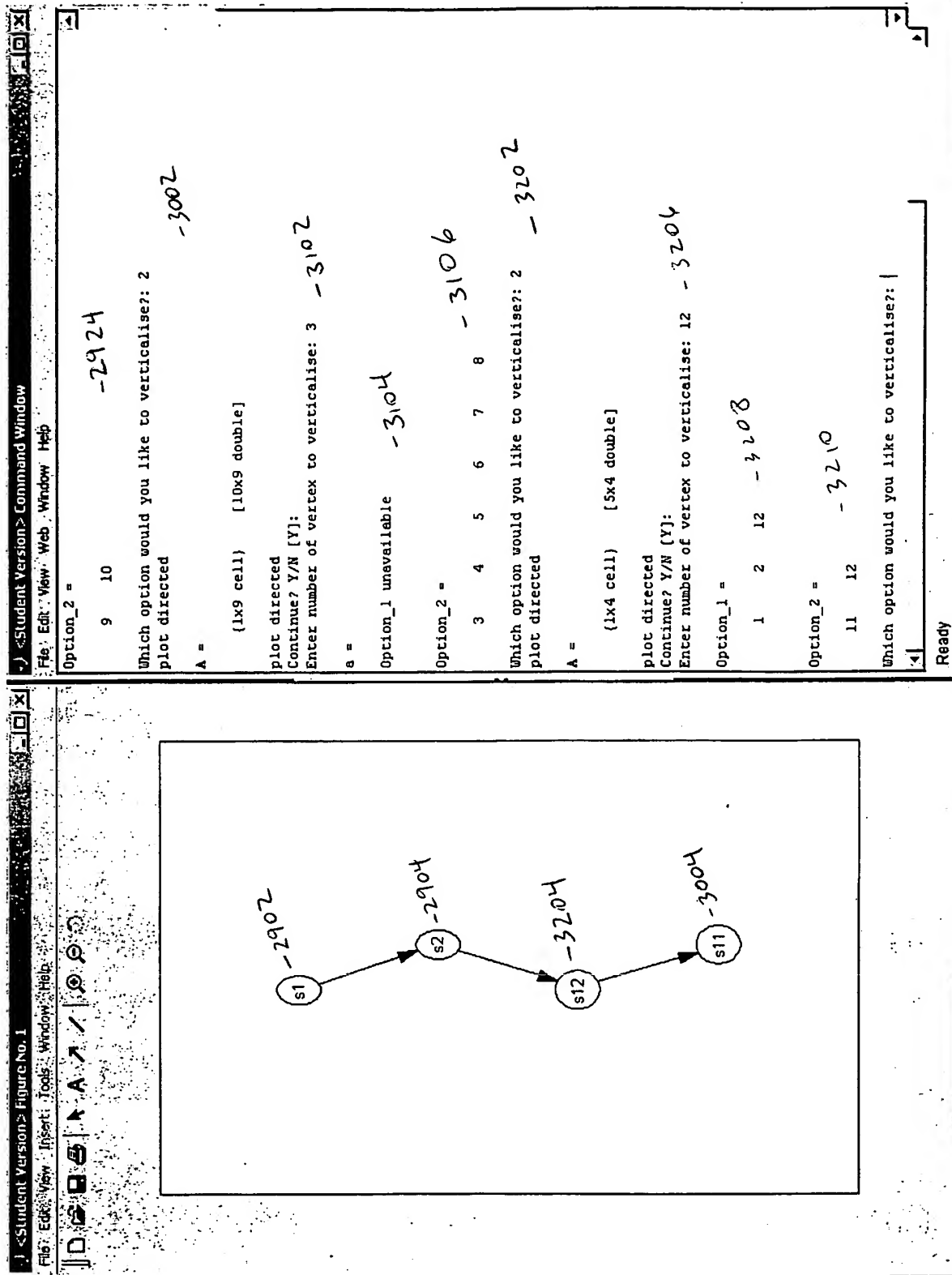


FIG. 32



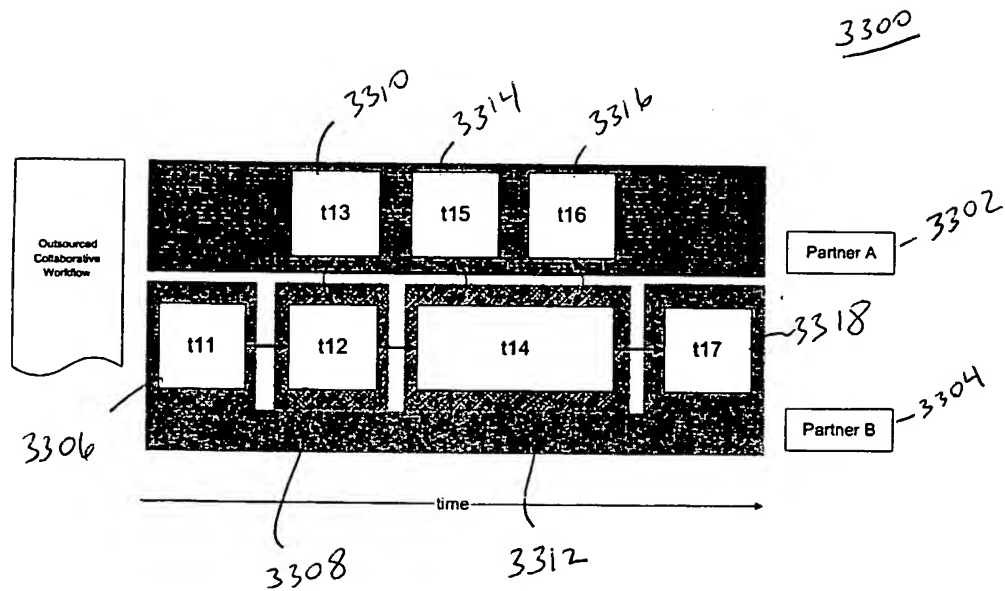


FIG. 33

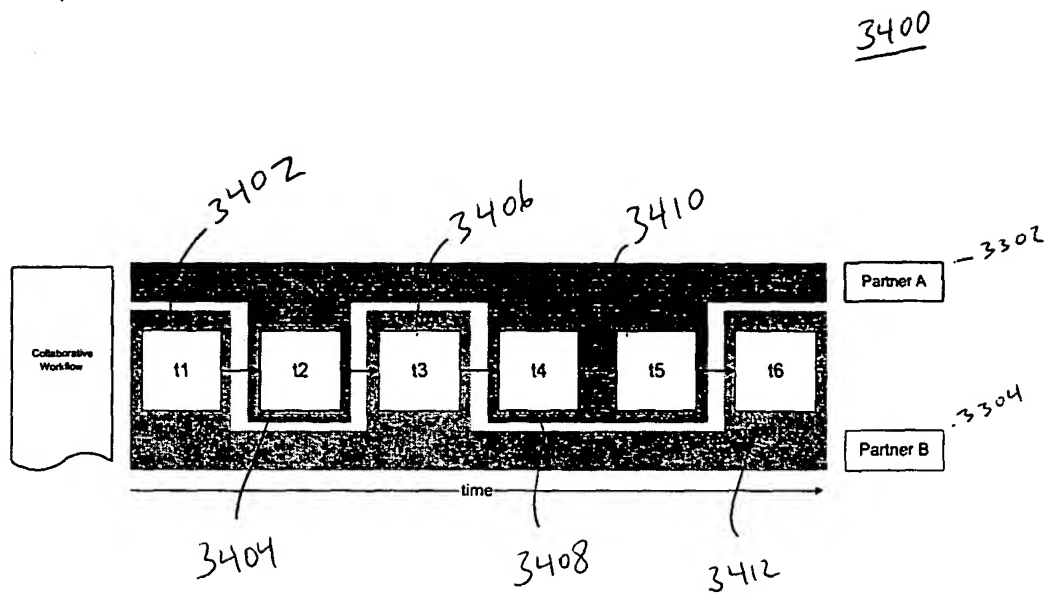


FIG. 34

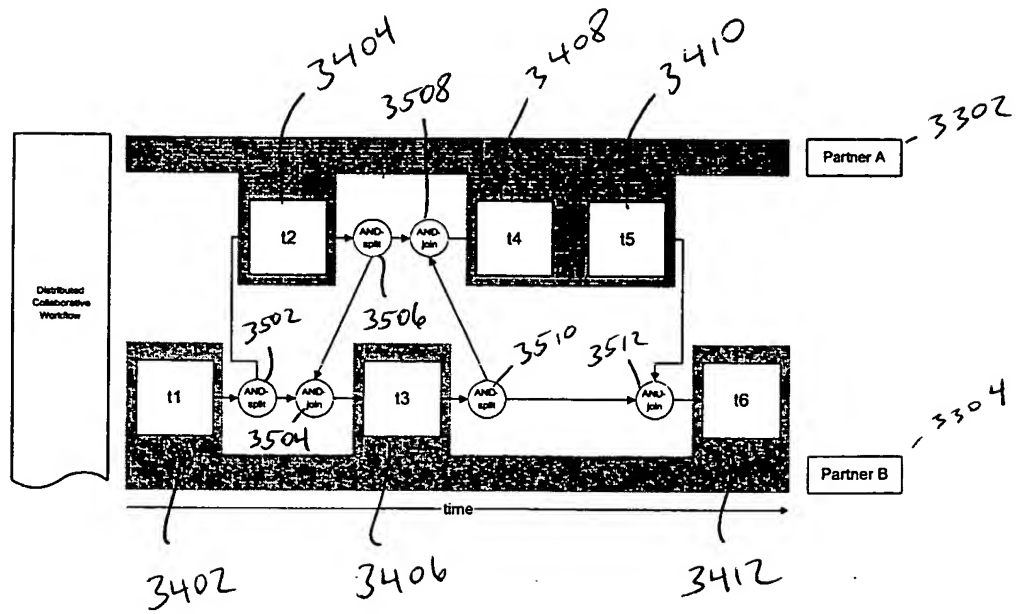


FIG. 35

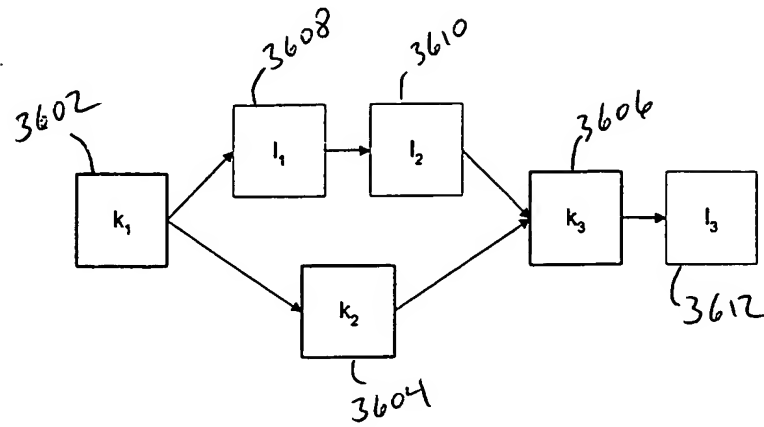


FIG. 36

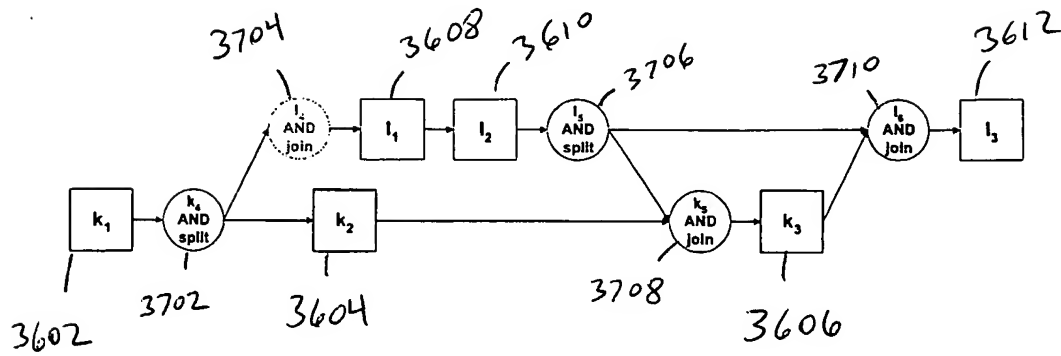










FIG. 37

Applicant(s): Karsten Schulz, et al.

TRANSFORMATIONS BETWEEN PRIVATE AND SHARED  
WORKFLOWS

3800

3802

column-index (j) row-index (i)	1	...	m	m+1	...	m+n
1		...		0	0	0
...	...	...	...	0	0	0
m		...		0	0	0
m+1	0	0	0		...	
...	0	0	0	...	...	...
m+n	0	0	0		...	

3806

3804

FIG. 38

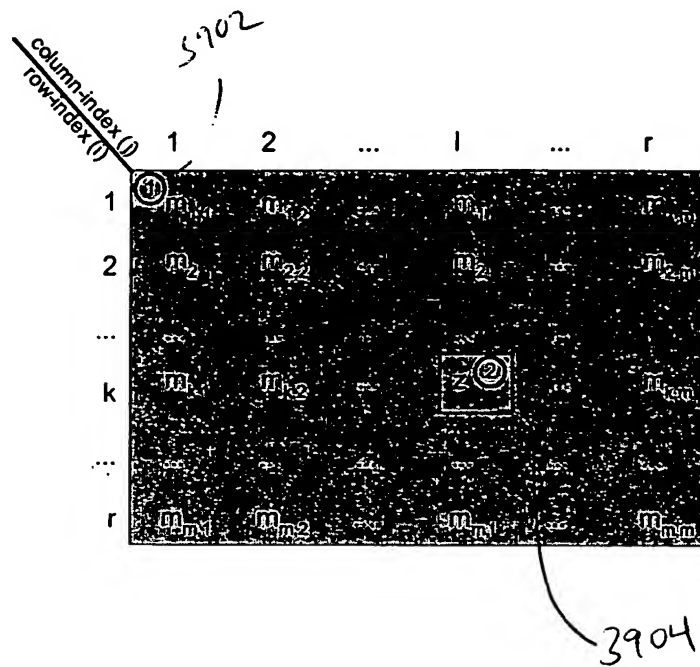
3900

FIG. 39

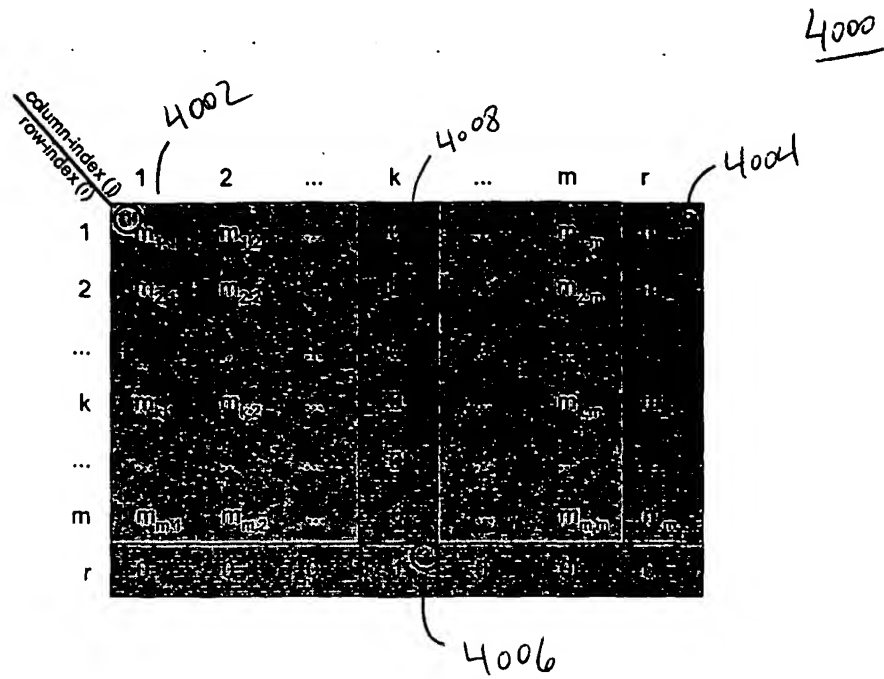


FIG. 40



Applicant(s): Karsten Schulz, et al.

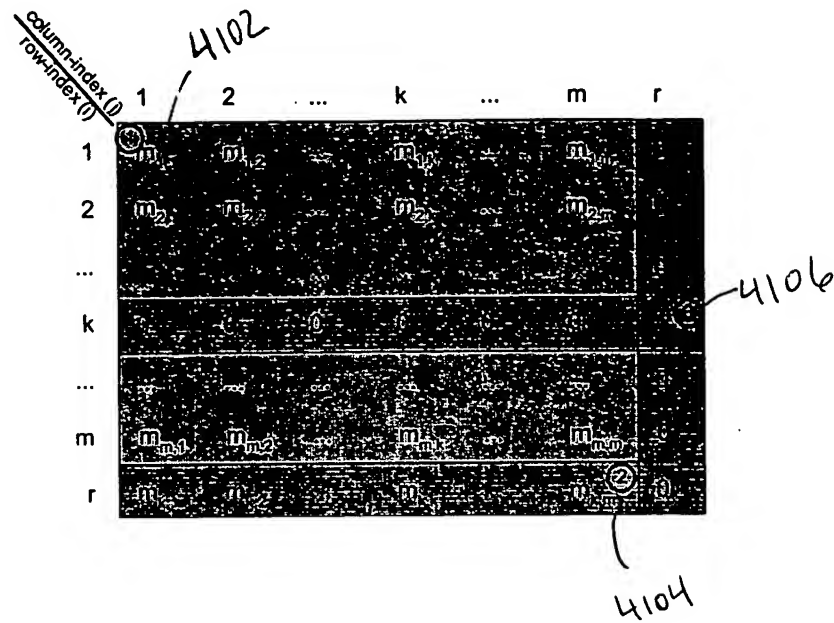
TRANSFORMATIONS BETWEEN PRIVATE AND SHARED  
WORKFLOWS

FIG. 41

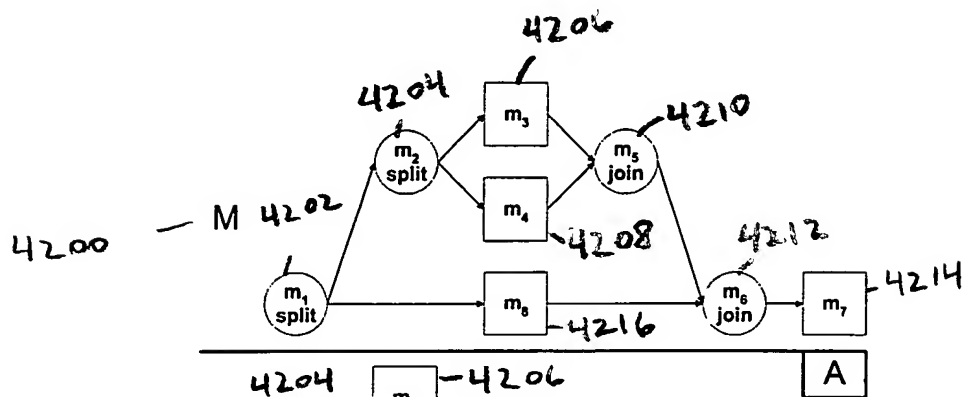


FIG. 42

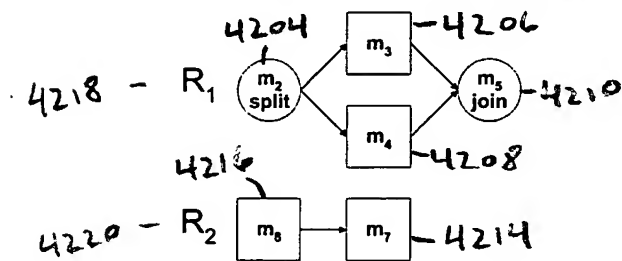


FIG. 42A

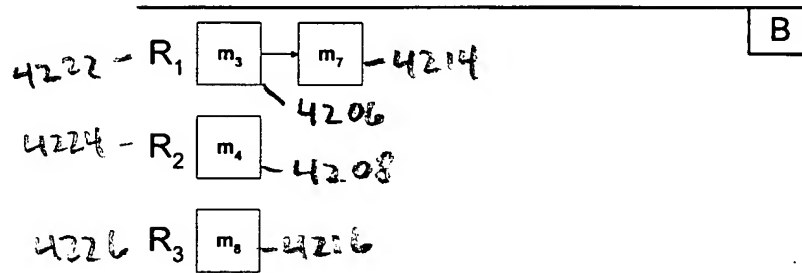


FIG. 42B

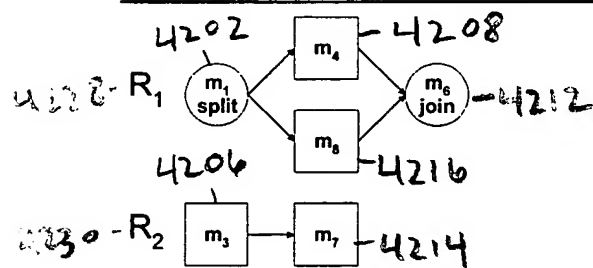


FIG. 42C

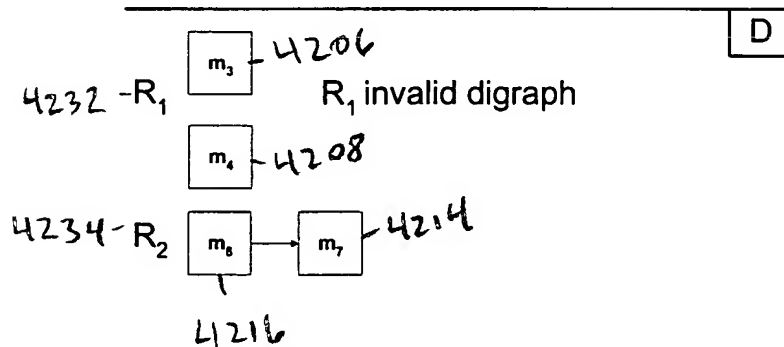


FIG. 42D

Applicant(s): Karsten Schulz, et al.

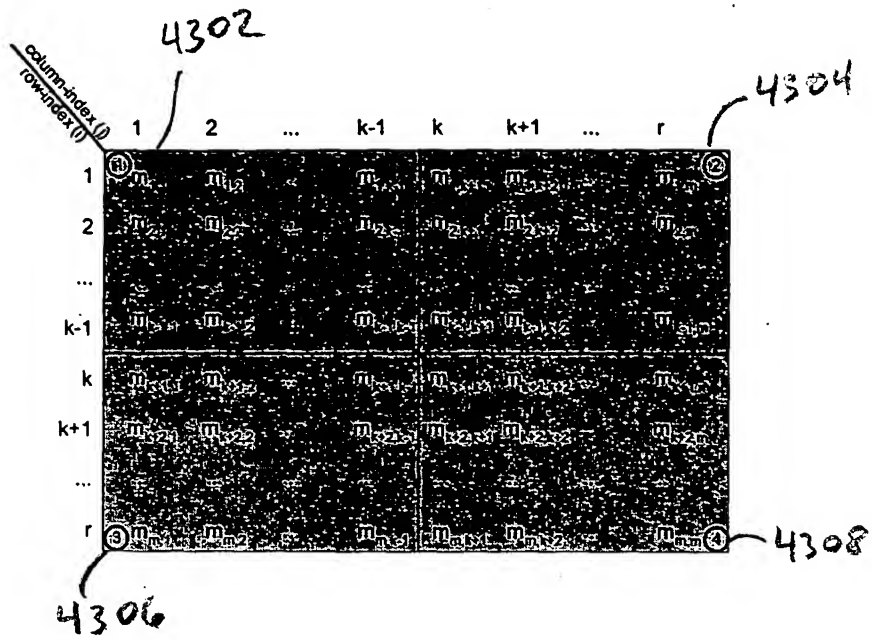
TRANSFORMATIONS BETWEEN PRIVATE AND SHARED  
WORKFLOWS4302

FIG. 43

Applicant(s): Karsten Schulz, et al.

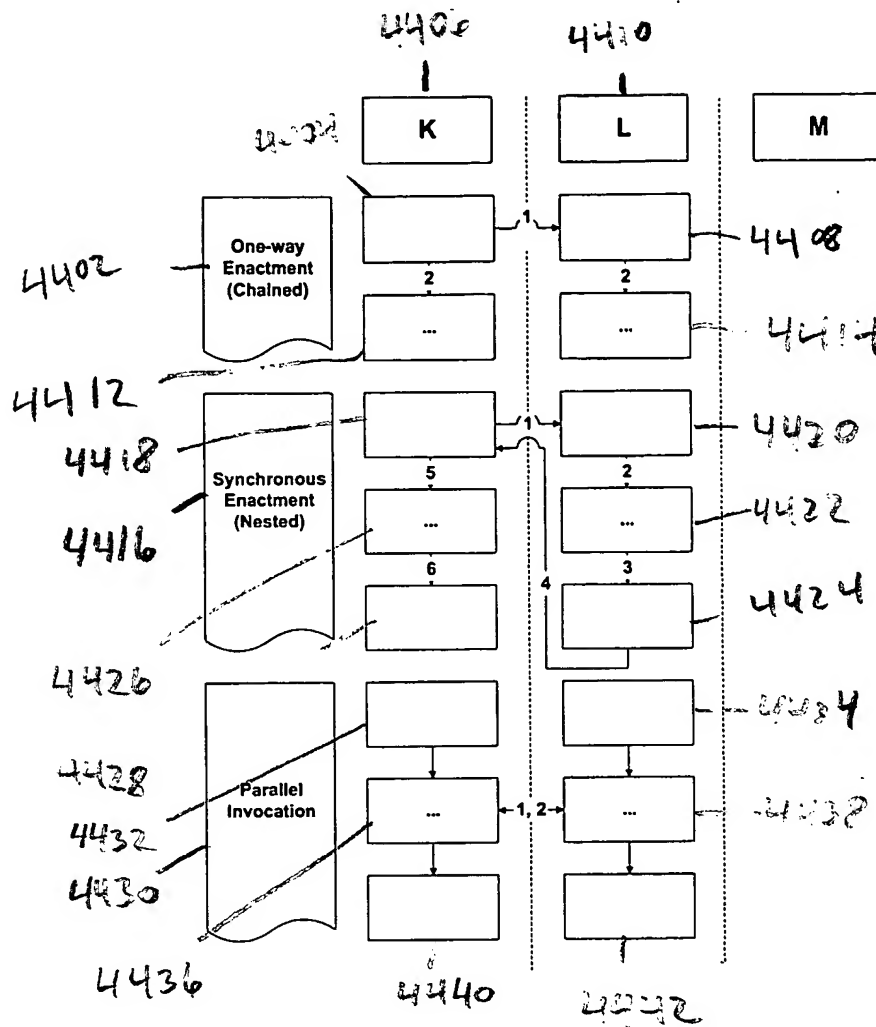
TRANSFORMATIONS BETWEEN PRIVATE AND SHARED  
WORKFLOWS

FIG. 44

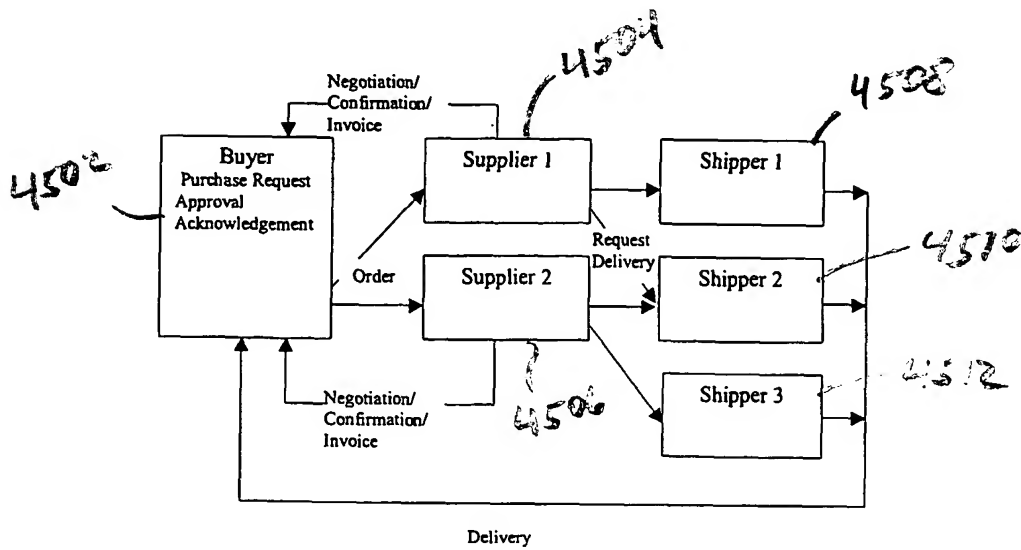


FIG. 45

Applicant(s): Karsten Schulz, et al.

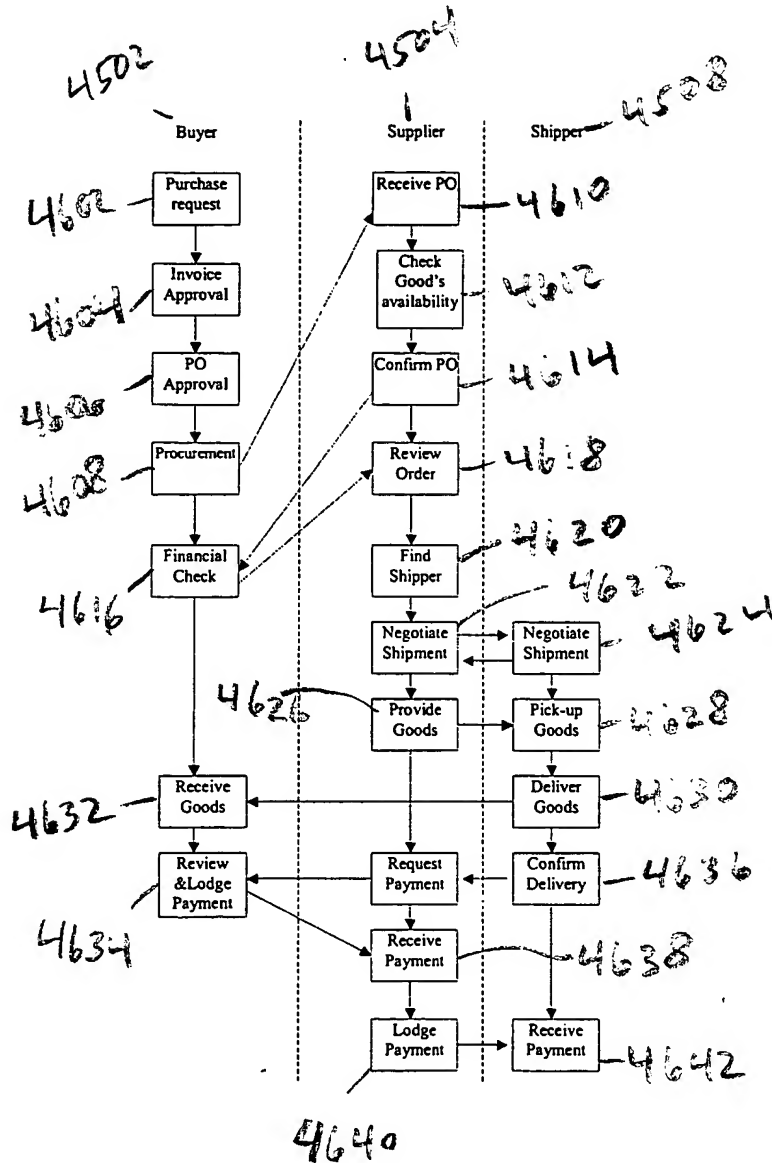
TRANSFORMATIONS BETWEEN PRIVATE AND SHARED  
WORKFLOWS

FIG. 46

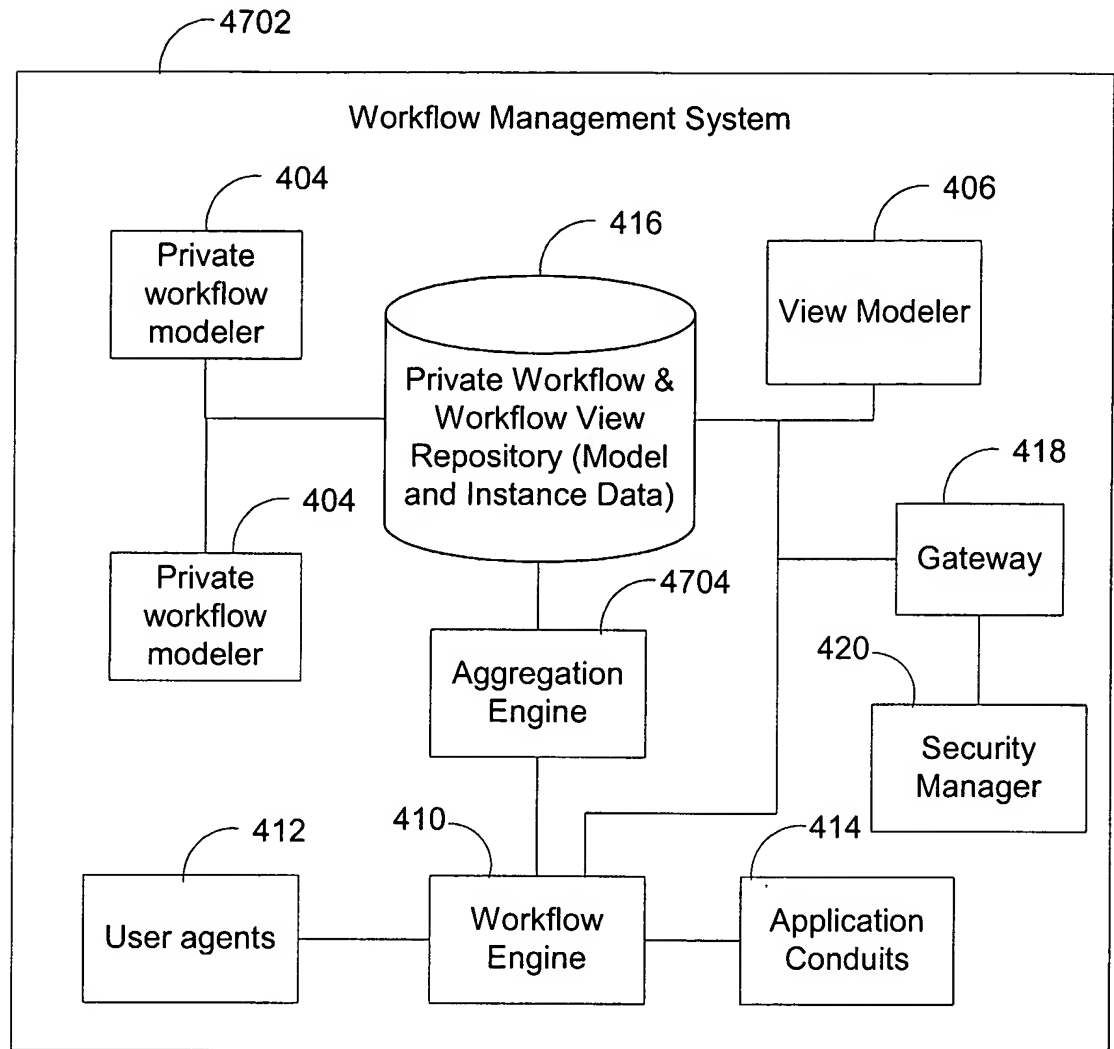


FIG. 47

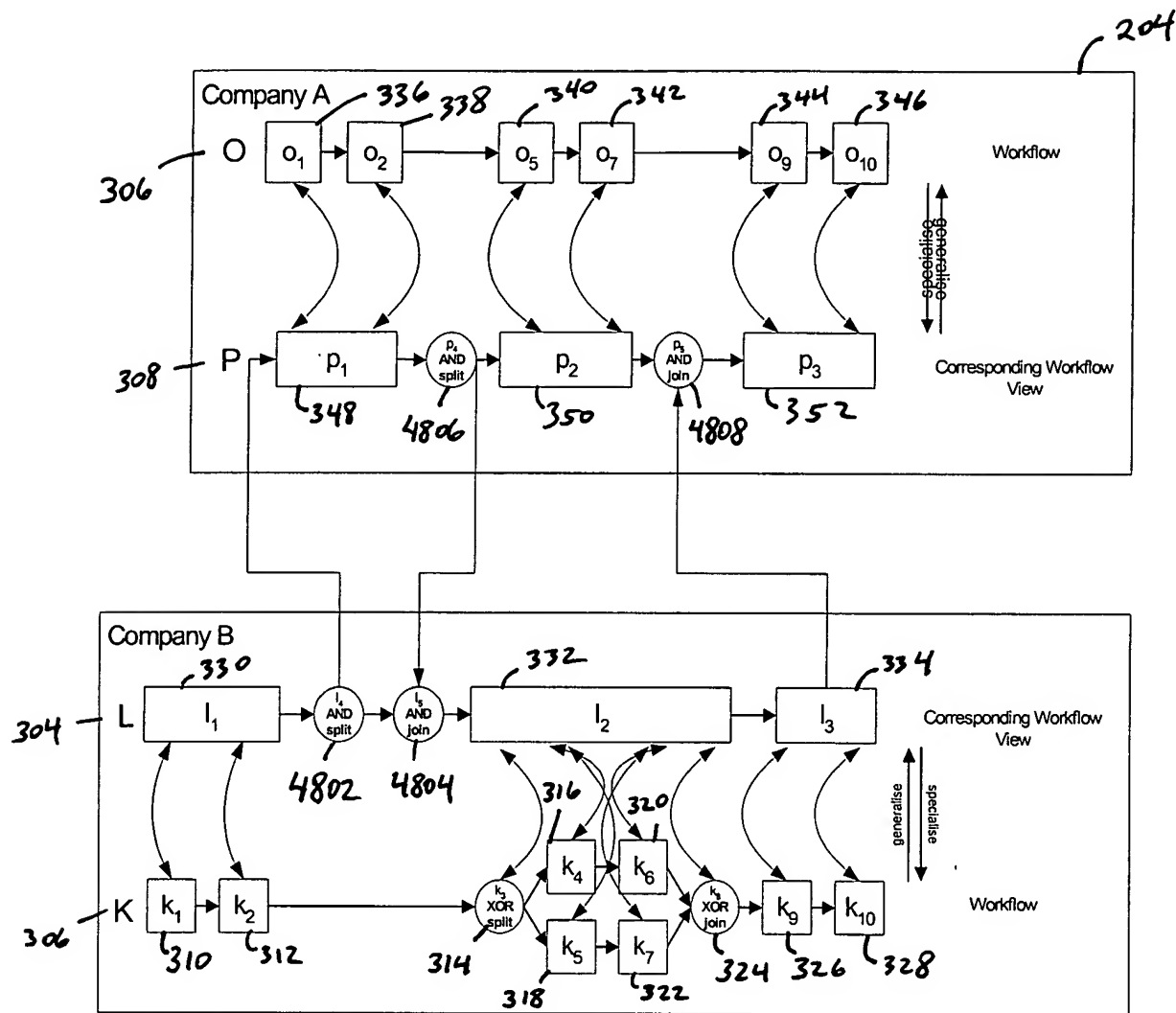


FIG. 48



4900

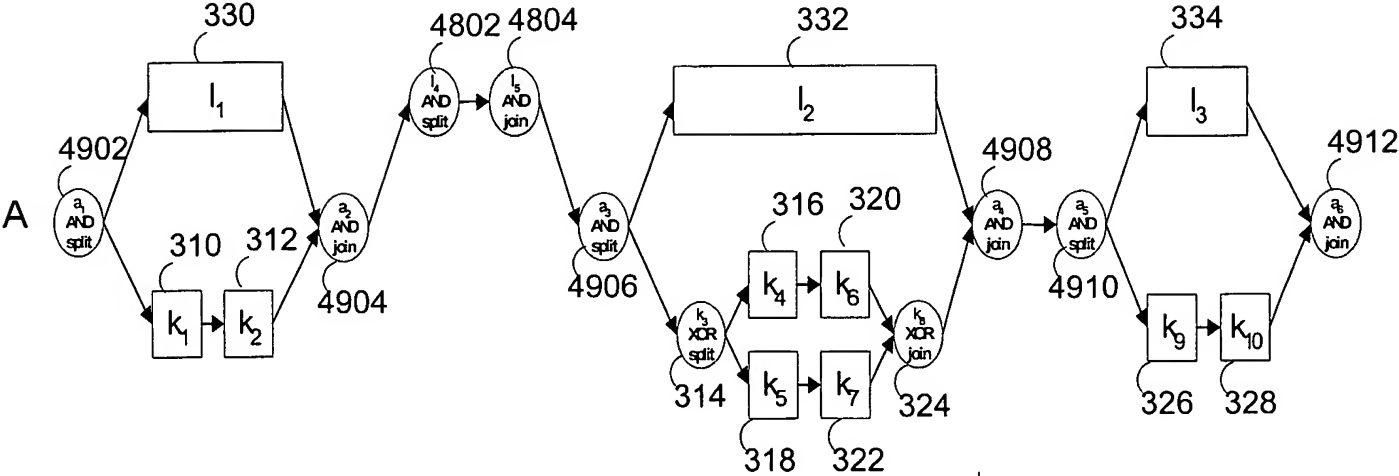
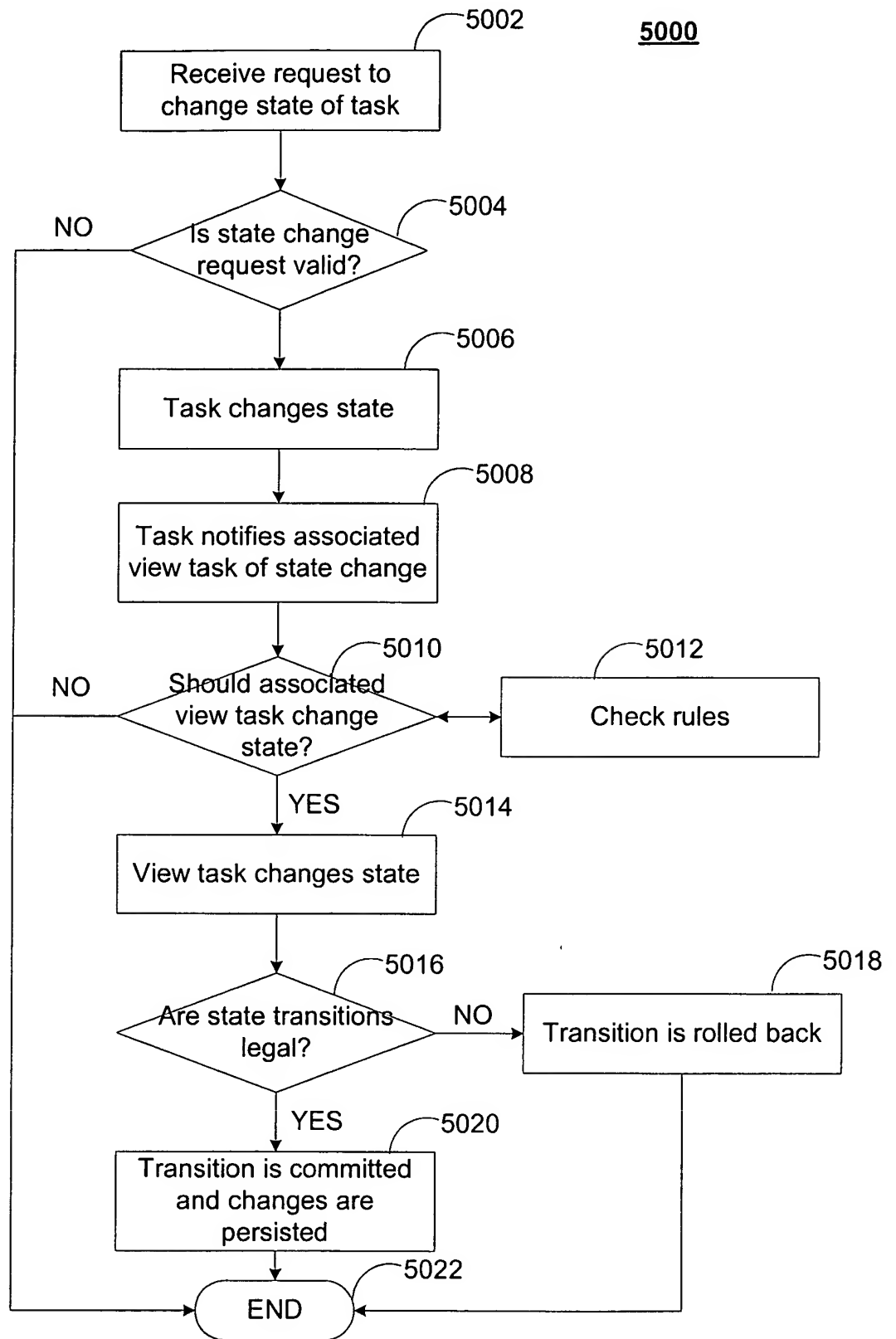
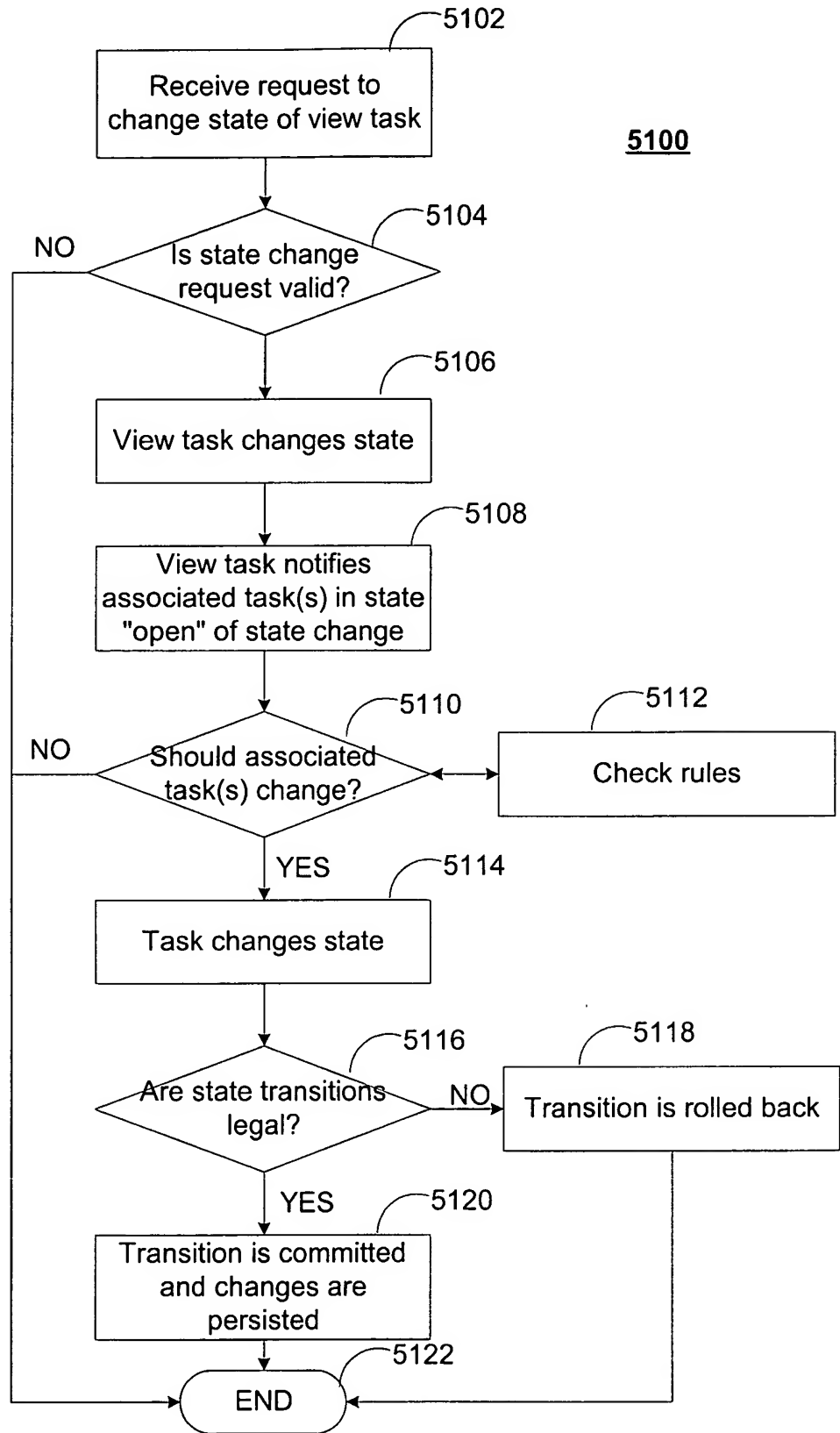


FIG. 49



**FIG. 50**



**FIG. 51**

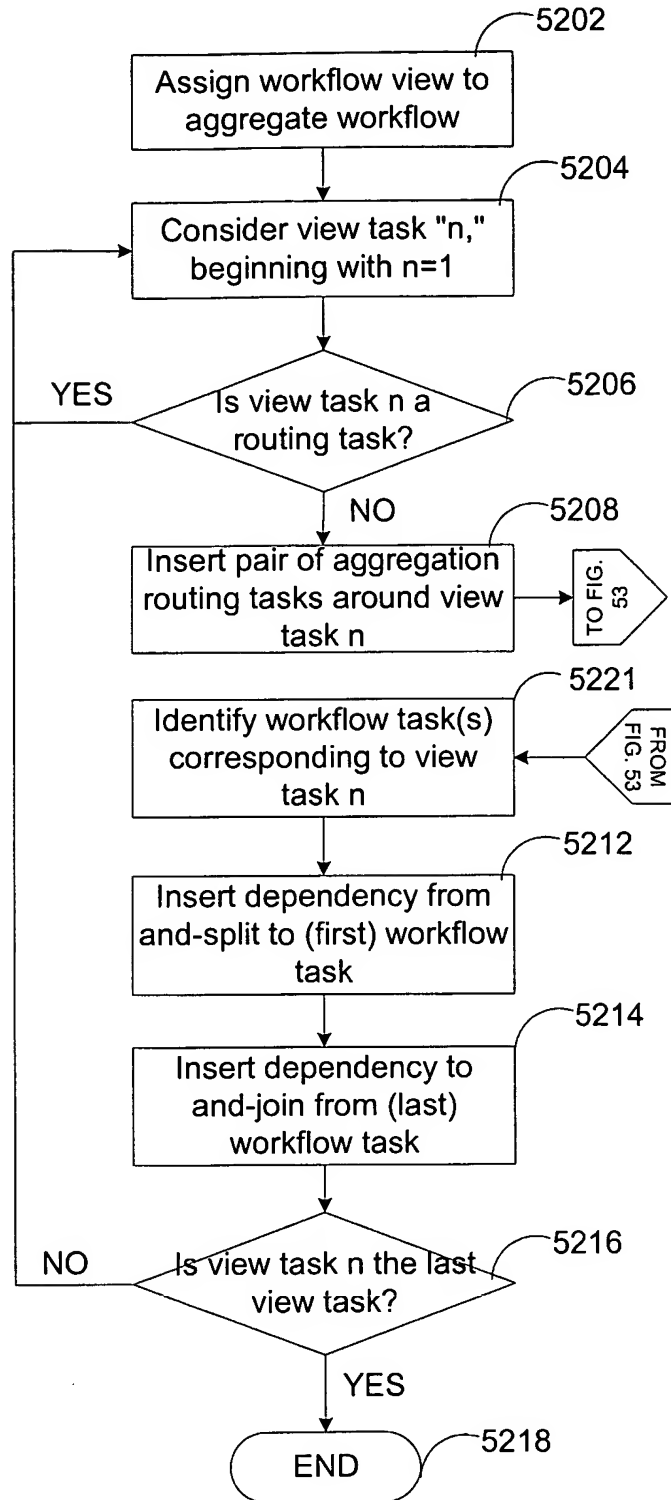
5200

FIG. 52

5300

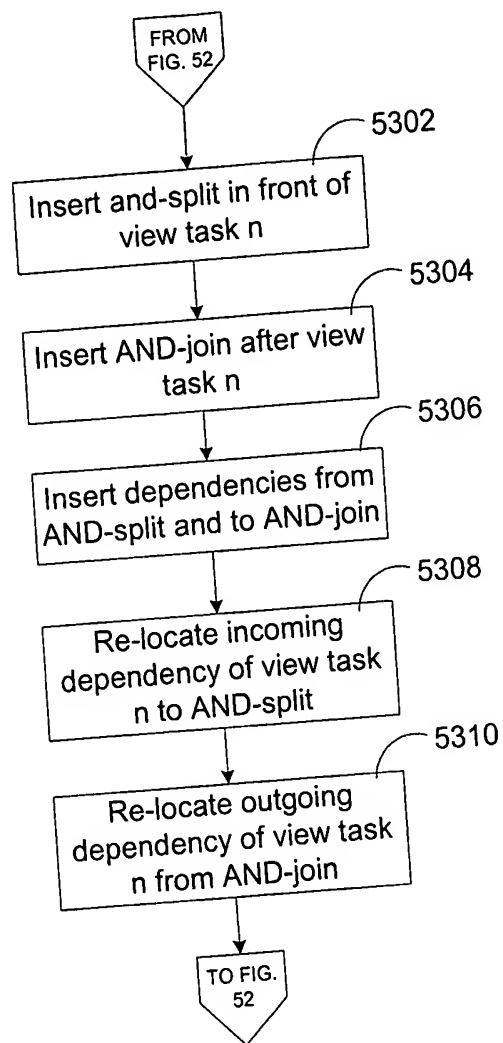


FIG. 53